

CHANGE CONTROL REPORT

Control No. 40

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator P. Schuster (Name) _____ (Organization) _____ Phone No. _____

System, Processor, or Component Being Changed Yoyager.lib.cntl System Version ID _____ Test Case or Program ID _____

Computer _____ Description (Check if additional pages attached:)

One way light time processing program

(TOEBCD) ABEND(900)

STOP 900

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time) _____

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time) _____

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 01

PRIORITY 03

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received 11/08/83 EKE

Implementation _____

Design Change Request

Analysis TBS

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator K. Wortman
(Name)

SAR
(Organization)

Phone No. 344-6115

System, Processor, or Component Rating: Multisat Fourier

Project Involved: Analysis Prog. Computer: 3081

System Version ID: 14

Test Case or Program ID: see below

Description (Check if additional pages attached): samples
NAMELIST SHEL SRCE = '6250', INTAPE = 2 should search source catalog for times specified and mount corresponding tape. Does not find correct catalog tape, have to specify INTAPE = 1, ZVOL = tape# in order to get program to run correctly. see attached listing of Fourier program and Helios source catalog listing.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

The time conversion routines in the Multisat Fourier Analysis satellite independent program were generalized, causing the time in the program (calculated from 1971), and the time in the catalog (calculated from 1972) to be off by 1 year. Since the time calculated in the program was used to select the catalog tape, the wrong tape was selected.

Signature Jeresa Sheets
(Name)

664
(Organization)

11/10/83
(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

The epoch year (base year) was changed from '71 to '72 in the Helios Multisat Fourier Analysis program (satellite dependent program). The 'INTAPE = 2' option, mounted the correct tape.

Routines and Documentation Affected: Blockdata in MULTISAT, FOURIER.SOURCE (HELIOS), cont. 2

Work Performed by Jeresa Sheets

Date 11/10/83

VERSION # 15.1

Work Reviewed by (Supervisor) _____

Date _____

VERIFICATION:

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis

Light Yellow - Verification

Pink - QA/DIOB

Gold - Originator

Blue - Active File

CHANGE CONTROL REPORT

Control No. 146

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator John O. Katen
(Name)

LHEA
(Organization)

Phone No. 286-4881

System, Processor, or Component Being Changed
Project Involved IBM-3081

Computer _____

System Version ID MVS/TSO

Test Case or Program ID _____

Description (Check if additional pages attached)

Data set members require review and modification to accommodate the recent merging of the T&S data bases into one T&S data base incorporating tape cartridges and tape reels.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____

(Name)

(Organization)

(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

changes in members made to accommodate new T&S data base and document actions, members were compiled and linked to create a new load module, successfully.

Routines and Documentation Affected SB#IC.EDRLOG.SOURCE Build, Clist, Naes, Proglog.

Work Performed by John O. Katen

Date 11/30/90

Work Reviewed by (Supervisor) _____

Date _____

VERIFICATION: _____

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis

Light Yellow - Verification

Pink - QA/DIOB

Gold - Originator

Blue - Advice File

CHANGE CONTROL REPORT

Control No. 146

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator John O. Katen LHEA Phone No. 286-4881
 (Name) (Organization)

System, Processor, or Component Being Changed: IBM-3081 Computer: _____ System Version: MVS/TSO Test Case or Program ID: _____

Description (Check if additional pages attached:

Data set members require review and modification to accommodate the recent merging of the TLS data bases into one TLS data base incorporating tape cartridges and tape reels.

Enclosures (Specify): _____

Action Required by (Date): _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____
 (Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

members were modified to accommodate changes in TLS data base and document actions. Load modules were built from members successfully

Routines and Documentation Affected SB#IC, TLS, SOURCE Build, Builde, Buildw, Proglog.

Work Performed by John O. Katen Date 11/30/90

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____
 (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator *Blue - Active File*

CHANGE CONTROL REPORT

Control No. 146

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator John O. Katen (Name) LHEA (Organization) Phone No. 286-4881

System, Processor, or Component Being Changed: IBM-3081 Computer: _____ System Version ID: MVS/TSO Test Case or Program ID: _____

Description (Check if additional pages attached)
A new load module is to be created to accommodate the new TLS data base.

Enclosures (Specify): _____

Action Required by (Date): _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):
New load modules were built and tested via a production run on the ISEE data base. New reels were removed and added.

Routines and Documentation Affected SB#IC.LIB.LOAD Edrlog, Assign, Rmvedr, Rmvwrk

Work Performed by John O. Katen Date 11/30/90

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Advice File

CHANGE CONTROL REPORT

Control No. 146

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator John O. Katen LHEA Phone No. 286-4881
(Name) (Organization)

System Processor, or Component Being Replaced: IBM-3081 Computer: _____ System Version: MVS/TSO Test Case or Program ID: _____

Description (Check if additional pages attached):

Data set members require review and modification to accommodate the recent merging of the TLS data bases into one TLS data base incorporating tape cartridges and tape reels.

Enclosures (Specify): _____
Action Required by (Date): _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

members changed to accommodate new TLS data base and document actions. Data set compiled and linked successfully. Languages used Fortran and Assembly.

Routines and Documentation Affected SB#VG, RMVEDR, SOURCE Build, Clist, Proglog

Work Performed by John O. Katen Date 11/23/90

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Advice File

CHANGE CONTROL REPORT

Control No. 146

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator John O. Katen LHEA Phone No. 286-4881
 (Name) (Organization)

System, Processor, or Component Being or Project Involved IBM-3081 Computer _____ System Version ID MV5/TSO Test Case or Program ID SB#VG.EDRLOG.SOURCE

Description (Check if additional pages attached:)

Data set members require review and modification to accommodate the recent merging of the TLS data bases into one TLS data base incorporating tape cartridges and tape reels.

Enclosures (Specify): _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____
 (Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

SB#VG.EDRLOG.SOURCE members were modified, compiled and linked to create a new load module. Compilers used Fortran, Assembly. All compiles and links completed successful.

Routines and Documentation Affected SB#VG.EDRLOG.SOURCE CLIST, NAES, PEDRLOG, PNAES.

Work Performed by John O. Katen Date 11/24/90.

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____
 (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 146

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator John O. Katen LHEA Phone No. 286-4881
 (Name) (Organization)

System, Processor, or Component Being Modified IBM-3081 Computer _____ System Version ID MVS/TSO Test Case or Program ID _____

Description (Check if additional pages attached)
a new load module is to be created to accommodate the new TLS data base.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____
 (Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):
new load modules created to accommodate changes in TLS data base. Testing was via a production run. Tape reels were added and removed successfully.

Routines and Documentation Affected SB#VG.LIB.LOAD Rmvedr, Edrlog

Work Performed by John O. Katen Date 11/23/90

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____
 (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator blue — Advice File

CHANGE CONTROL REPORT

Control No. 149

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator HENRY LO
(Name)

STX
(Organization)

Phone No. 286-7316

System Processor, or
Component Requiring
Repair involved _____

Computer _____

System
Version ID _____

Test Case or
Program ID _____

Description: (Check if additional pages attached)

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

SR# 774. PRECOM. SOURCE (4673661) was modified *
(change line # (BOX #) from 353 to NSPI
in the job card.

Signature _____

(Name)

(Organization)

(Date/Time)

CHANGE: (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by HENRY LO Date _____

Work Reviewed by (Supervisor) Henry Lo Date 3/5/81

VERIFICATION: _____

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis

Light Yellow - Verification

Pink - QA/DIOB

Gold - Originator

Blue - Active File

CHANGE CONTROL REPORT

Control No. 150

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator Henry Lo
(Name)

STX
(Organization)

Phone No. 286-7316

System Processor, or
Component Requiring
Product involved _____

Computer _____

System
Version ID _____

Test Case or
Program ID _____

Description (Check if additional pages attached:

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____

(Name)

(Organization)

(Date/Time)

CHANGE: Description of work performed, including test cases used for verification:

SRREM. IMP & PPS. SOURCE (VPPS MAIN) was modified to
add warning message about (99), if the year tag on
header doesn't match with year of edit date, day of year is over
Routines and Documentation Affected from year crossing boundary

Work Performed by HENRY LO Date 3/5/91

Work Reviewed by (Supervisor) Henry Lo Date 3/5/91

VERIFICATION:

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis

Light Yellow - Verification

Pink - QA/DIOB

Gold - Originator

Blue - Active File

a similar change was made to all other satellite dependent code (changing the epoch year to the actual base year). The routines modified were the block data or INITL routine in members PIONEER, PIDPHA, IMP7, IMP8, and ISEE3. The following load modules have been updated:

SB#HL.FOURHEL.LOAD	File 1, HEIBK1	V0283335
SB#IC.FOURICC.LOAD	File 1, ISEBK1	V0983335
SB#IM.FOURIMP7.LOAD	File 1, IMPBK3	V0283335
SB#IM.FOURIMP8.LOAD	File 2, IMPBK3	V0283335
SB#PR.FOURPHA.LOAD	File 3, PIOBK3	V0283335
SB#PR.FOURPIO.LOAD	File 2, PIOBK3	V0283335

and from the previous change a new satellite independent load module was updated:

SB#PR.FOURSI.LOAD.	File 4, PIOBK3	V0283335
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I request that all of the above load modules be archived as well as the source in

SB#PR.MULTISAT.FOURIER.SOURCE

File 1	PIOBK3	V0383335
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Version 15

CHANGE CONTROL REPORT

Control No. 02

PRIORITY 01

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received EKE 11/08/83

Implementation TBS 11/08/83

Design Change Request

Analysis TBS 11/08/83

Verification _____

DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator Dr. Schardt GSFC, scientist Phone No. _____
(Name) (Organization)

System, Processor, or Multisat - Fourier
Component, Title, or Project Involved PIONEER Computer: IBM 3081 System Version ID 14 Test Case or Program ID _____

Description (Check if additional pages attached)
Change geometric factors as specified on attached sheet.

Enclosures (Specify) _____
Action Required by (Date) 11/08/83

ANALYSIS: Check if additional pages attached Date Received 11/08/83

straight forward change as dictated by the attached page.

Signature Jeresa Sheets 664 11/8/83
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):
see ANALYSIS ABOVE

Routines and Documentation Affected 1N17L
Work Performed by Jeresa Sheets Date 11/8/83
Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)
Available in (Release/Version) #15 Date/Time _____

DISTRIBUTION:
White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

READY

sd 'setbs.multisat.fourier.source'

DOC FOURDIFF HELIOS IC3JCL IMP7 IMP8 ISEE3
MODS NEWISEE3 PIONEER PIOPHA SATDEP SATINDEP SUBIDOC
SUB2DOC TSTJCL

PRIORITY

16 MEMBERS FOUND IN DATA SET SETBS.MULTISAT.FOURIER.SOURCE

1 * 30 READY

'500' qed 'setbs.multisat.fourier.source(pioneer)'

Pioneer

QED

ft /initl

/

01300 C INITL INITIALIZES THE LABEL,WEIGHT,PHI0,GEOM ARRAYS

+1

find /initl

/

16700 C INITL

1 * 10

16700 C INITL

16800 C

16900 C

17000 C

17100 C

17200 C

17300 C

THIS ROUTINE INITIALIZES THE GEOMETRIC FACTOR ARRAYS, THE
PHI0 ARRAYS, THE WEIGHTS AND THE LABELS, ALL OF WHICH ARE
SATTELLITE DEPENDENT. IF A NEW SATTELLITE CAPACITY IS
REQUIRED, THEN THIS ROUTINE MUST INCLUDE THE NEW VALUES.

17400

17500

17600

1 * 40

17600

17700

17800

17900

18000

18100

18200

18300

18400

18500

18600

18700

18800

18900

19000

19100

19200

19300

19400

19500

***>

19600

19700

19800

19900

20000

20100

20200

20300

20400

20500 C

20600 C

20700 C

20800

20900

21000 C

21100 C

SUBROUTINE INITL(ZRVOL,ZSVOL,ZMVOL,CSIZE,IRFILE,ISFILE,IZFILE)
IMPLICIT LOGICAL*1 (Q),INTEGER*2 (H),REAL*8 (Z)
COMMON /USER/IFROM(6),ITO(6),IDDEV,INTSC

COMMON /USER/IFROM(6),ITO(6),IDDEV,INTSC
COMMON /TIMES/IBTIME,IETIME,IEPOCH,INTSEC,INTMS,RDYCN,RHRCN,RMNCN
COMMON /FLAGS/QPRINT,QPLOTS,QTAPES,QRATPL,QANIPL,QPOLPL,

* CHARM2,ORTAPE,OSTAPE,QHIST,QMAGNT
COMMON /INPARM/NUMRAT,NUMAVG,NUMPLT,QRATS(20),QPARM(9)

COMMON /FACTRS/WGHT(3,6),PHIKEP(6),GEOM(6)

COMMON /NAMES/QSATID(16),ZLABEL(4,6)

COMMON /THEADR/QSAT(16),ZRATES(6),ZPARMS(9),NUMS(3),QSPARE(52)

DIMENSION ZLAB0(4,12),GEOM0(12),PHI00(12),WGHT0(12,3)

NAMELIST /PIO/SRCE,INTAPE,ZVOL

DATA GEOM0/2*.155,2*.154,8*.0156/

DATA PHI00/2*5.148721,2*4.363323,8*3.455725/

DATA WGHT0/2*1.036,2*1.046,8*1.039, 2*1.152,2*1.200,8*1.145

* 2*1.385,2*1.520,8*1.367/

DATA ZLAB0/'SR1A=A1 ','A2 B CI','CIII

* 'SR1B=A2 ','B K1 ~CI','II

* 'SR1C=DI ','DII ~F

* 'SR1D=DI ','DII EI ~, 'F

* 'SR2A=SI5','SII ~S','IIA ~SII','I

* 'SR2B=SI6','SII ~S','IIA ~SII','I

* 'SR2C=SI7','SII ~S','IIA ~SII','I

* 'SR2D=SI8','SII ~S','IIA ~SII','I

* 'SR2E=SI5','SII5 ~S','IIA ~SII','I

* 'SR2F=SI6','SII6 ~S','IIA ~SII','I

* 'SR2G=SI7','SII7 ~S','IIA ~SII','I

* 'SR2H=SI8','SII8 ~S','IIA ~SII','I

DATA QNEW,QSNEW,IROLD,ISOLD/T,T,-1,-1/

DATA NPOSS,QAGAIN/12,.FALSE./

DATA INTAPE,SRCE,ZVOL/2,2* ' '/

READ IN THE SATTELLITE DEPENDENT USER OPTIONS

READ(5,PIO)

WRITE(6,150) SRCE

FILL THE GEOMETRIC FACTOR,PHI0 FACTOR AND WEIGHT FACTOR ARRAYS

change to 0.217,
0.015

CHANGE CONTROL REPORT

Control No. 4

STATUS: QA Use Only—Give Date/Time TYPE: Software Problem Report

Received 12/9/83 EKE Implementation 12/9/83 PAS Design Change Request

Analysis 12/9/83 PAS Verification _____

DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator K. Woolman SAR Phone No. X 6115
 (Name) (Organization)

System, Processor, or Component Failing or Project Involved SB#1M utility gamadd Computer 3081 System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

Subroutine GGMD reported I/O error encountered trying to add gains to SB#1M ~~DATA~~. IMP8GAIN.DATA when intervals 951 or larger were used

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received Dec 9, 1983

Checked IMP8GAIN.DATA with TSO dump and cosmic ray DIRFIX commands - with no problems resulting.

Checked source code - error message can only be generated from GGMD if a valid I/O error occurred in DREAD over

Signature P. Schuster SAR 12/9/83 4:15 AM
 (Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

relink DAIO to existing load module over

Routines and Documentation Affected added relink JCL to SB#1M.FINEGAIN.CNTL as GADLINK

Work Performed by Pam Schuster changed \$DIR\$ member to reflect GADLINK Date 12/9/83

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

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concluded DREAD may never have been
relinked to GAINADD program when it was modified
to accommodate 3350 packs.

Did a link on current utility module and, indeed,
DAIO had the wrong length.

I relinked the program, and tried to use it
to add gains to 751-953. It works now.

K. Wortman 12/12/83

- modified source SB#IM.FIWEGAIN.CNTR(GAINADD) to accept interval
1000 and greater by changing read & print format statements.
- relinked the program, accepts interval 1000 and greater, now.

CHANGE CONTROL REPORT

Control No. 5

Priority 03 - med.

STATUS: QA Use Only—Give Date/Time **TYPE:** Software Problem Report
 Design Change Request

Received 12/18/83 ERK Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator K. Wortman SAR Phone No. X16115

(Name) (Organization)

System, Processor, or Component Being or Project Involved SB#1M PFLUX program Computer 3081 System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

1) Change to accept interval 1000 and greater.

2) Change input card format so not to use cols. 73-80

3) Modify main program & subroutines to reference 2nd half word rather than whole word, so when fixgain factors are entered, the record # will not interfere with remaining of PFLUX program.

Enclosures (Specify) none

Action Required by (Date) when interval no. turns to 1000

ANALYSIS: Check if additional pages attached Date Received _____

① PFLUX changes made to accept intervals greater than 999, new read & print formats.

② Input card format changed to accept 2 cards, col. 73-80 not used.

③ Subroutine GAIN80 changed to read 2nd half word which now allows PFLUX to be run when fixgain records & print.

Signature Kristin Wortman SAR 1/30/84

(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Read & Print formats now accept intervals 999 and greater. Input card format changed to accept 2 cards to eliminate use of col. 73-80. GAIN80 changed to read 2nd half word so PFLUX can be run when fixgain values are input.

Routines and Documentation Affected _____

Work Performed by K. Wortman SAR Date 2/1/84

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator blue - Active File

CHANGE CONTROL REPORT

XRPAS, VGLIB, CNTL

Control No. 6

STATUS: **QA Use Only—Give Date/Time** TYPE: ^{SAC} Software Problem Report
 Design Change Request

Received 12/20/83 EKG Implementation 12/20/83
 Analysis 12/30/83 Verification _____
 DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):
 Originator Schwartz Phone No. 7794
 (Name) (Organization)

System, Processor, or Component Failing or Project involved SB# VG, LIB, CNTL System: _____ Test Case or Program ID _____
 Computer _____ Version ID _____

Description (Check if additional pages attached)

Modify project lib, CNTL dataset to pickup FORTRAN and G
 Assembled G proc, ADDTO LIBS etc

Enclosures (Specify) _____
 Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received 12/20/83

Change PROC EXEC statements as per SAC memo in 'SYS2, DOCUMENT (RSFORT)'

Signature PAS SAR 12/20/83 4 PM
 (Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):
edit exec statements
need browse to search for possible missed changes

Routines and Documentation Affected _____
 Work Performed by PAS Date 12/20/83
 Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)
 Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:
 White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

XRPAS.ICLIB.CNTL

Control No. 7

STATUS: QA Use Only—Give Date/Time

Received 12/20/83 Implementation 12/20/83

Analysis 12/20/83 Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: ^{JCL} Software Problem Report
 SACC
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator Schwartz Phone No. 7794

(Name) (Organization)

System, Processor, or Component Failing or Project involved SB# IC, LIB, CNTL System: _____ Test Case or Program ID _____

Computer _____ Version ID _____

Description (Check if additional pages attached)

Modify project lib.cntl dataset to pickup FORTRAN and G
Assembled G proc, ADPOTLIBS etc

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received 12/20/83

Change PROC exec statements as per SACC memo in 'SYS2, DOCUMENT (RSFORT)'

Signature PAS SAR 12/20/83 4 PM

(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

edit exec statements
used browse to search for possible missed changes

Routines and Documentation Affected _____

Work Performed by PAS Date 12/20/83

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

XRPAS. IMLIB.CNTL

Control No. 8

STATUS: QA Use Only—Give Date/Time

Received 12/20/83 EKE Implementation 12/30/83

Analysis 12/20/83 Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: ^{SAC} Software Problem Report
 ^{SAC} Design Change Request

DESCRIPTION (Prepared by originator):

Originator Schwester Phone No. 7794

(Name) (Organization)

System, Processor, or Component Failing or Project involved SB#1M, LIB.CNTL System Version ID _____ Test Case or Program ID _____

Computer _____

Description (Check if additional pages attached)

Modify project lib.cntl dataset to pickup FORTRANH and 68
Assembled 68 proc, ADDONLIBS etc

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received 12/20/83

change Proc exec statements as per SAEC memo in
'SYS2, DOCUMENT(VSFORT)'

Signature PAS SAR 12/20/83 4PM

(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

edit exec statements
used browse to search for possible missed changes

Routines and Documentation Affected _____

Work Performed by PAS Date 12/20/83

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 10

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received 1/17/83 EKL

Implementation _____

Design Change Request

Analysis _____

Verification _____

Archive Request

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator: Eunice Eng
(Name)

NASA/DMPD - code 664
(Organization)

Phone No. 344-5768

System, Processor, or Component, Title, or Project Involved: SPICE

Computer: IBM 3081

System Version ID: 1

Test Case or Program ID: _____

Description (Check if additional pages attached)

IBM SPICE worked on by Bill Ort (ZWCWAO) needs to be brought under the ISEE project 10 and system configuration management.

SPICE is an electronic design checkout system designed to evaluate electronic design. The program was introduced by Bob Joyce. The system is huge.

Enclosures (Specify) _____
Action Required by (Date) 1/17/83

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:
White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 11

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received 1/17/84 4/16

Implementation _____

Design Change Request

Analysis _____

Verification _____

Request for Archive

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator _____ (Name) _____ (Organization) Phone No. _____

System, Processor, or Component Being Changed: SPICE Computer: IBM 3081 System Version ID: 266 Test Case or Program ID: _____

Description (Check if additional pages attached)
Allowing sample input and output of SPICE.
Also ~~have~~ archive the load module.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:
White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator blue - Active File

CHANGE CONTROL REPORT

Control No. 13

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received 1/30/84 ENG

Implementation 1/30/84 Eng

Design Change Request

Analysis 1/30/84 ENG

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator SMITH, Nancy
(Name)

GSEC/DEHA/DMPO
(Organization)

Phone No. 344-6115

System, Processor, or Component Failing or Project Involved

ISEE DATA POOL Computer: IBM 3081

System Version ID _____

Test Case or Program ID _____

Description (Check if additional pages attached:)

The remove work tapes from T.S and the automatic log comes back with an error code that the user input of first slot to be deleted does not match the system's first slot of -10.

Enclosures (Specify) _____

Action Required by (Date) 1/30/84

ANALYSIS: Check if additional pages attached

Date Received 1/30/84

After checking the hexadecimal dump of the work control block of the Data Pool Automatic Log and the T.S catalog, the ~~software~~ program RWORK was checked and found in error. The call to Subroutine ESTSER has a hard coded span of consecutive volume slots of 25. DP has only 10 slots assigned.

Signature Eumer K Eng
(Name)

GSEC/DEHA/DMPO
(Organization)

1/30/84
(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

~~Subroutine~~ Routine RWORK was modified to calculate the span of consecutive slots from the work control block. See library in SB#10. T.S. SOURCE

Routines and Documentation Affected RWORK, PRO6106 of 'SB#10. T.S. SOURCE'

Work Performed by Eumer K Eng Date 1/30/84

Work Reviewed by (Supervisor) Eumer K Eng Date 1/30/84

VERIFICATION:

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis

Light Yellow - Verification

Pink - QA/DIOB

Gold - Originator

Blue - Active File

CHANGE CONTROL REPORT

NOTE: Changes to the 3 ANALIMP8 versions must be compatible with each other

Control No. 14

STATUS: QA Use Only—Give Date/Time

Received 1/30/84 *ew* Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator Pam Schuster *SAR* Phone No. 7794
 (Name) ANLIMP8F (Organization) ANLIMP8F, source

System, Processor, or Component Being or Project Involved ANALIMP8 IMP (gainable access) Computer version Test Case or Program ID _____

Description (Check if additional pages attached)

① check for format overflows in fields related or derived from the INTERVAL numbers & correct them

② change input card fields to accomodate intervals greater than 999

③ eliminate the use of columns 73-80 on input cards (R. McConve)

Action Required by (Date) _____

④ Initialize energy X and Y to eliminate possible overflow caused by printing out odd numbers of histograms Received in SPECTR8

ANALYSIS: Check if additional pages attached

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

See attached papers.

Routines and Documentation Affected _____

Work Performed by Maria G. Holton Date _____

Work Reviewed by (Supervisor) P. Schuster Date 6/25/84

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

Restored from IMPBK1, file 252 (SEIMP)

changes made in ANLIMP8F.SOURCE

ANALIMP8

line #

4210 2(I3,1x) → 2I5

4220 F10.0 → F5.0

4240 2(I3,1x) → 2I5

2180 1st I3 → I5 2nd I3 → I5

TOTAL 8

line #

1120 I3 → I5

1130 I3 → I5

SPCTR8

2731 C

2732 C TO INITIALIZE ENERGY, X AND Y

2733 C

2734 DO 1040 I=1,10

2735 EMIDC(I)=0

2736 XMIDC(I)=0

2737 YMIDC(I)=0

2738 1040 CONTINUE

Load module was built from all sources.

FCN8 and ENERGY8 were scratched from the dataset

CHANGE CONTROL REPORT

Control No. 15

STATUS: QA Use Only—Give Date/Time

Received 2/1/84 Eng Implementation _____

Analysis mjs Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator P. Schuster (Name) SAR (Organization) Phone No. 7794

System, Processor, or Component Being or Project Involved SBA#1M. HGPLT8. Source (HGPLT8)
 Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

Modify READ and WRITE (PRINT) statements to allow INTERVALS greater than 999

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Browsed through the program to look for IORBS, IORBE (from input cards) and related parameters (IRSN) if there're READ or WRITE (PRINT) change ^{format} I3 to I5, also found IMAT(1) (INTERVAL from MATR Tape) and related parameter IHDR(1, IORBS), changed their format

Signature Maria Shen (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

In FILL8: changed line 4002 and 4003 = changed I3 to I5

In HGPLT8: line 6700, 6900, 7900 changed 1st I3 to I5

In STAT8: line 890 changed 1st I3 to I5 added \$ADDB, \$JCL updated \$DIRB

Routines and Documentation Affected FILL8, HGPLT8, STAT8

Work Performed by Maria Shen Date Jan 31, 84

Work Reviewed by (Supervisor) Samuel Schuster Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 16

STATUS: QA Use Only—Give Date/Time

Received 2/1/84 emj Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator P. Schuster (Name) SAR (Organization) Phone No. 7794

System, Processor, or Component Failing or Project Involved IMP LGPLT8 program Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

make pgm able to read intervals greater than 999
" " " " print " " " "
check for other problems which may be related to >999

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

① Read/Write Formats changed to accept intervals greater than 999.
 ② Time Index card changed to accept second card to avoid using columns 73-80. Second card is used only when gain factors are entered and col. 72 on first card contains a character.
 ③ MAX variable set to 20 to avoid case constant of 0 which causes SOCF.
 ④ 2 variable flows were changed which were undefined and also caused SOCF.

Signature Kristin Wirtman (Name) SAR (Organization) 2/14/84 (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Only Main was changed LGPLT8

Routines and Documentation Affected _____

Work Performed by K. Wirtman Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 17

STATUS: **QA Use Only—Give Date/Time** TYPE: Software Problem Report
 Design Change Request

Received Eng 1/30/84 Implementation Eng 2/3/84
 Analysis Eng 2/3/84 Verification _____
 DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator Nancy Smith (Name) LEHA-DMPD Code 664 (Organization) Phone No. _____

System, Processor, or Component Being Projected DPTGEN Computer IBM 3081 System Version ID 01 Test Case or Program ID _____
DATA POOL ENCY. GENERATOR

Description (Check if additional pages attached:)

- ① Library tapes were not being properly mounted when data to be processed crossed library tape boundaries. The correct tape was being mounted at the wrong file. The tape file was not being updated.
- ② A programabend 500 from Subroutine COLLT1, implies a bit-rate change in the middle of a Chapter.

Enclosures (Specify) _____
 Action Required by (Date) ASAP, production software

ANALYSIS: Check if additional pages attached Date Received 1/30/84

- ① For problem 1, assembly subroutine FNEXT must be modified to update local variable FNELSO in routine FNOPNEXT before call to mount. Subroutine LOL returns file seq. number in COMMON but call to MOUNT uses a local variable FNELSO.
- ② The bit rate error message is false, caused by a program bug. Subroutine COLLT1 and COLLT2 change the bit rate, which should be reset when reentered for the same chapter.

Signature Eunice King (Name) LEHA, DMPD 664 (Organization) 2/6/84 (Date/Time)

CHANGE (Description of work performed, including test cases used for verification): (see attached)

- ① Changed Subroutine FNOPNEXT of Subroutine FNEXT.
- ② Modified Subroutine OURAW to reset IBTRT before calling COLLT1 and COLLT3. Subpatch.
- ③ Modified routines to be IBM VS FORTRAN compatible.

Routines and Documentation Affected FNEXT, OURAW, LOL, LOW, LCW, LTERM, LREAD, READER, etc.
 Work Performed by Eunice King Date 2/6/84

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: Nancy M. Smith (Signature) 2/7/83 4:10 P.M. (Date/Time)

Available in (Release/Version) 2/6/84 load module dated Date/Time _____

DISTRIBUTION:
 White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

for verification used DPLO03 file 23. which was the
problem file.

q1 dpgen.source(modlog)

10000 Modification Log started 2/2/84

20000

30000 2/2/84 by E. Eng. FNEXT was modified to pass the updated
40000 file number when the library file processing crosses library
50000 tape volumes. The module in FNEXT changed was FNOPNEXT.

60000

70000 OURAW was modified to reset the value
80000 of the bitrate before routines COLLT1 and COLLT3 were called.
90000 COLLT1 and COLLT3 were resetting IBITRT which caused a
100000 false error message to be written and DPTGEN to abort with
a code of 500.

110000

120000 The program changes to FNEXT and
130000 OURAW should not require that the database be rebuilt.
140000 The FNEXT problem was worked around by not submitting
150000 DPTGEN runs which crossed library tape boundaries. The
160000 OURAW program change was a precautionary. Normally
170000 subroutine ANALYZ would note the bit rate changes before
180000 COLLT1 noted them. Also in the case of tape DPL003 file
190000 23 the bitrate change happen to occur on the fifteen minute
200000 output volume boundary and the input 64 minute record boundary.

210000

220000 Minor mods were done to fill Method sections within
230000 the routine prologues. Routines affected were DPTENC, OUTPUT,
OUCHPT and OUVOLN.

240000

250000 2/6/84 by E. Eng, Code 664. Some routines slightly modified
260000 to be IBM VS FORTRAN compatible. The modifications involved
270000 moving data statements after all type statements, insuring that
280000 variable RTCODE was not typed I*4 twice in the same subroutine and
290000 changing & in calling sequences to * (FTIO calls, mainly).
300000 Routines involved were ANALYZ, INIT, READER, OUMSUM, COLLT1,
COLLT3, COLNXD, UPFEET, LOL, LOW, LCL, LCW, LREAD, and LTERM.

READY

CHANGE CONTROL REPORT

Note: Changes to the 3 ANALIMPS Versions must be compatible with each other.

Control No. 19

STATUS: QA Use Only—Give Date/Time

Received 1/30/84 Eng Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed 3/19/84 Eng

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator Pam Schuster (Name) SAR (Organization) Phone No. 6539

System, Processor, or Component Being Changed: ANALIMPS Computer: program System Version ID: IMP (original version) Test Case or Program ID: _____

Description (Check if additional pages attached:)

1. Check for format overflows in fields related or derived from the INTERVAL number and correct them.
2. Change input cards to accommodate intervals greater than 999
3. Eliminate the use of column 73-80 on input cards (R. McGuire)
4. Initialize energy, X and Y to eliminate possible overflow caused by printing out odd numbers of histograms in ANALIMPS.SOURCE(SPECTRS)

Enclosures (Spec. #): _____

Action Required by (Date): _____

ANALYSIS: Check if additional pages attached

Date Received: _____

1. Browsed through all the sources to search for PRINT, WRITE and READ statements if the variables in the statements are related or derived from the INTERVAL number, change their formats to eliminate possible overflow caused by INTERVAL over 999 or to eliminate the use of column 73-80 on input cards
2. Initialize energy, X and Y as zeros before they are calculated in ANALIMPS.SOURCE(SPECTRS)

Signature Maria G. Shen (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

See attached papers

Routines and Documentation Affected _____

Work Performed by Maria G. Shen Date 3/19/84

Work Reviewed by (Supervisor) P. Schuster Date 3/19/84

VERIFICATION: Gunnice K Eng (Signature) 3/19/84 5:00 P.M. (Date/Time)

Available in (Release/Version) build date Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

Description

- ① Check for format overflows in fields related or derived from the INTERVAL numbers and correct them
- ② Change input cards to accomodate intervals greater than 999
- ③ Eliminate the use of column 73-80 on input cards (R. McGuire)
- ④ Initialize energy, x and y to eliminate possible overflow caused by printing out odd number of histograms in ANALIMP8.SOURCE(SPCTR8)

Analysis

- ① Browsed through all the sources to search for PRINT, WRITE and READ statements, if the variables in the statements are related or derived from the INTERVAL number, change their formats to eliminate possible overflow caused by INTERVAL over 999 or to eliminate the use of column 73-80 on input cards.
- ② Initialize energy, x and y as zeros before they are calculated in ANALIMP8.SOURCE(SPCTR8)

Change

- ① ANALIMP8.SOURCE(ANALIMP8)
 changed line #
 1480: the first two I3 to I5
 3010: first (I3, 1x) to (I5)
 3020: F10.0 to F5.0
 3040: first I3 to I5
- ② ANALIMP8.SOURCE(TOTAL8)
 changed line #
 1120 = the first I3 to I5
 1130 = the first I3 to I5
- ③ ANALIMP8.SOURCE(SPCTR8)
 between line#2730 and line # 275
 Add :

```

line #
2741 = C      TO INITIALIZE ENERGY, X AND Y
2742      C
2743          DO      1040  I=1,10
2744          EMIDC(I)=0
2745          XMIDC(I)=0
2746          YMIDC(I)=0
2747      1040  CONTINUE
2748      C
    
```

PROBLEMS

- Created two load modules after ^{having} modified the program ANALIMP8 and TOTAL8
- ANALIMP ① Compilation of member ANALIMP8, TOTAL8 linked with original load module ^{which is} called ANALIMP8.LOAD(ANALIMP8)
- ANALIMP8 ② Compilation and linkage of all the source programs collected from ANALIMP8, ANALIMP7, ANALIMP6 (source) and utility programs.
- Compared the length of all members in the two load modules and found the lengths of member JDAYS, ENERGY and SPCTR8 are different in the 2 load modules.

Since JDAYS has an extra ABEND statement in the recent source than the original, it's considered as resolved.

But the question of why ENERGY and SPCTR8 have different lengths remains unresolved.

Conclusion

The load module built from all the source members and utility programs is to be archived & considered current

CHANGE CONTROL REPORT

Control No. 20

STATUS: QA Use Only—Give Date/Time

Received 1/30/84 GJ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed 3/5/84

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator Pam Schuster (Name) SAR (Organization) Phone No. 2294

System, Processor, or Component Being or Product Involved IMP8 PHA SUMMARY Program Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)
overflows noted in print out of interval number. Check for any such occurrences + correct. Also check for other variables which may be derived from INTERVAL number, to make sure they will be OK when printed.

Enclosures (Specify) _____
 Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Browsed all the PRINT, READ and WRITE statements in IMP8 PHA Summary Program. Searched for INTERVALs with FORMAT READ WRITE or PRINT. which may cause an overflow. ~~also~~ changed format to allow INTERVALs over 999. verified by changing ^{all} DWRITE to CWRITE and running PHA Summary JOB.

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):
In PHASOMB.SOURCECSUMMN), line # 290 changed I3 to I5
also compiled PHASOMB.SOURCE(SLCTT) and add to lib (didn't change anything)
(for DWRITE → CWRITE → DWRITE)

Routines and Documentation Affected Summa / no doc. affected

Work Performed by Maria Shen Date _____

Work Reviewed by (Supervisor) P. Schuster Date 2/24/84

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT

Control No. 21

STATUS: QA Use Only—Give Date/Time

Received 1/30/84 GA Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator _____ (Name) _____ (Organization) Phone No. _____

System, Processor, or Component Failing or Product Involved JMP8 Viet PHA Summary System Version ID _____ Test Case or Program ID _____

Computer _____

Description (Check if additional pages attached:)

overflow noted in title statement of program
check for printout overflows related to the INTERVAL number
being greater than 999. Also check for other variables which may be
derived from INTERVAL number, to make sure they will be OK when printed

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

but formats are I5, 1 print format was I3,
the others are I5 already.

Signature K Westness SAR 3/20/84
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

1 print format changed to I5 to correct overflow
problem.

Routines and Documentation Affected _____

Work Performed by KSW Date 3/20/84

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT

Control No. 22

STATUS: QA Use Only—Give Date/Time

Received 1/30/84 Ely Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator _____ (Name) _____ (Organization) Phone No. _____

System, Processor, or Component, Function, or Project Involved IMP8 Court Summary Computer _____ System Version, ID _____ Test Case or Program ID _____

CNTSMRY8, SOURCE

Description (Check if additional pages attached:)

TIME GAP message: INTERVAL1007 (no blank)

Check for print out fields which may overflow after interval 999 also check for other variables which may be derived from interval number, to make sure they will be OK when printed.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Signature _____ (Name) _____ (Organization) (Date/Time) _____

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT
ARCHIVE SHEET

Control No. _____

Dataset Name: _____ Project: _____

PDS _____ SEQ _____

DCB's RECFM _____ LRECL _____ BLKSIZE _____

Storage Device IBM 3350 _____ IBM 3380 _____ IBM MSS _____ OTHER _____

Number of Tracks: _____

If Source or Load Library, Compiler Language: _____

ARCHIVE INFORMATION:

Output Tape Volume-Serial Number: _____

Output File Number: _____

Archive Date: _____

Archiver: _____

LIBMAN: Type Qualifier: _____

LIBMAN Dataset Name: _____

CHANGE CONTROL REPORT

Control No. 23

STATUS: OA Use Only—Give Date/Time

TYPE: Software Problem Report

Received 2/17/84 Guy

Implement SOURCE

Design Change Request

Analysis _____

Verification SB#VE, RMVWRK.

DIOB Action (Specify) _____

SOURCE

Completed _____

DESCRIPTION (Prepared by originator):

Originator John McKeevern
(Name)

(Organization)

Phone No. _____

System, Processor, or Component Failing or Project Involved RMVWRK

Computer IBM 3081

System Version ID _____

Test Case or Program ID _____

Description (Check if additional pages attached:)

The module does not accept the 3 digit serial number of 417 of the first serial to be removed. The error messages seem to come from INCORE in call to SMC subroutine INCORE

Enclosures (Specify) Hard copy of RMVWRK action

Action Required by (Date) ASAP

ANALYSIS: Check if additional pages attached

Date Received 3/6/84

Current length of INCORE in current load module was from SYS2.FORTLIB

Relink w/ INCORE version in SYS2.VFORTLIB

Signature _____

(Name)

(Organization)

(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Relinked using SYS2.VFORTLIB as reference library, tested, new load module works.

Routines and Documentation Affected _____

Work Performed by K. Watters

Date 4/27/84

Work Reviewed by (Supervisor) Ram Shinde

Date 4/27/84

VERIFICATION: _____

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White — Analysis

Light Yellow — Verification

Pink — QA/DIOB

Gold — Originator

Blue — Active File

ATA SET 'SB#VG.LOGBK.DATA' IS IN CATALOG.
DO YOU WANT TO CREATE A NEW BACKUP ? (YES/NO)
0
INPUT 1 FOR VOYAGER-1, 2 FOR VOYAGER-2

INPUT 3 DIGIT SERIAL TO BE REMOVED.

17
FY210I VFNTN - PROGRAM INTERRUPT (P) - SPECIFICATION , PSW 078D0006920205F7
RACEBACK OF CALLING ROUTINES; MODULE ENTRY ADDRESS=00112470
INCORE/1(00115C38) CALLED BY MAIN (00112470) AT ISN 59 OFFSET (000760).
ARGUMENT LIST AT (001127A0)

ARGUMENT	1	AT(001126F8)=000001A1(HEX);	'....';	417;+0.000215E-78
ARGUMENT	2	AT(001127D0)=00000000(HEX);	'....';	0;+0.000000E+00
ARGUMENT	3	AT(001126F4)=00000013(HEX);	'....';	19;+0.000010E-78
ARGUMENT	4	AT(001126C8)=00000001(HEX);	'....';	1;+0.000001E-78
ARGUMENT	5	AT(801126BC)=00000003(HEX);	'....';	3;+0.000002E-78

MAIN (00112470) CALLED BY (OP/SYS)
STANDARD CORRECTIVE ACTION TAKEN, EXECUTION CONTINUING.
FY210I VFNTN - PROGRAM INTERRUPT (P) - SPECIFICATION , PSW 078D0006920205FB
RACEBACK OF CALLING ROUTINES; MODULE ENTRY ADDRESS=00112470
INCORE/1(00115C38) CALLED BY MAIN (00112470) AT ISN 59 OFFSET (000760).
ARGUMENT LIST AT (001127A0)

ARGUMENT	1	AT(001126F8)=000001A1(HEX);	'....';	417;+0.000215E-78
ARGUMENT	2	AT(001127D0)=00000000(HEX);	'....';	0;+0.000000E+00
ARGUMENT	3	AT(001126F4)=00000013(HEX);	'....';	19;+0.000010E-78
ARGUMENT	4	AT(001126C8)=00000001(HEX);	'....';	1;+0.000001E-78
ARGUMENT	5	AT(801126BC)=00000003(HEX);	'....';	3;+0.000002E-78

MAIN (00112470) CALLED BY (OP/SYS)
STANDARD CORRECTIVE ACTION TAKEN, EXECUTION CONTINUING.
FY210I VFNTN - PROGRAM INTERRUPT (P) - SPECIFICATION , PSW 078D0006920205FF
RACEBACK OF CALLING ROUTINES; MODULE ENTRY ADDRESS=00112470
INCORE/1(00115C38) CALLED BY MAIN (00112470) AT ISN 59 OFFSET (000760).
ARGUMENT LIST AT (001127A0)

ARGUMENT	1	AT(001126F8)=000001A1(HEX);	'....';	417;+0.000215E-78
ARGUMENT	2	AT(001127D0)=00000000(HEX);	'....';	0;+0.000000E+00
ARGUMENT	3	AT(001126F4)=00000013(HEX);	'....';	19;+0.000010E-78
ARGUMENT	4	AT(001126C8)=00000001(HEX);	'....';	1;+0.000001E-78
ARGUMENT	5	AT(801126BC)=00000003(HEX);	'....';	3;+0.000002E-78

MAIN (00112470) CALLED BY (OP/SYS)
STANDARD CORRECTIVE ACTION TAKEN, EXECUTION CONTINUING.
FY210I VFNTN - PROGRAM INTERRUPT (P) - SPECIFICATION , PSW 078D000692020603
RACEBACK OF CALLING ROUTINES; MODULE ENTRY ADDRESS=00112470
INCORE/1(00115C38) CALLED BY MAIN (00112470) AT ISN 59 OFFSET (000760).
ARGUMENT LIST AT (001127A0)

ARGUMENT	1	AT(001126F8)=000001A1(HEX);	'....';	417;+0.000215E-78
ARGUMENT	2	AT(001127D0)=00000000(HEX);	'....';	0;+0.000000E+00
ARGUMENT	3	AT(001126F4)=00000013(HEX);	'....';	19;+0.000010E-78
ARGUMENT	4	AT(001126C8)=00000001(HEX);	'....';	1;+0.000001E-78
ARGUMENT	5	AT(801126BC)=00000003(HEX);	'....';	3;+0.000002E-78

MAIN (00112470) CALLED BY (OP/SYS)
STANDARD CORRECTIVE ACTION TAKEN, EXECUTION CONTINUING.
FY210I VFNTN - PROGRAM INTERRUPT (P) - SPECIFICATION , PSW 078D000692020607
RACEBACK OF CALLING ROUTINES; MODULE ENTRY ADDRESS=00112470
INCORE/1(00115C38) CALLED BY MAIN (00112470) AT ISN 59 OFFSET (000760).
ARGUMENT LIST AT (001127A0)

ARGUMENT	1	AT(001126F8)=000001A1(HEX);	'....';	417;+0.000215E-78
ARGUMENT	2	AT(001127D0)=00000000(HEX);	'....';	0;+0.000000E+00
ARGUMENT	3	AT(001126F4)=00000013(HEX);	'....';	19;+0.000010E-78
ARGUMENT	4	AT(001126C8)=00000001(HEX);	'....';	1;+0.000001E-78
ARGUMENT	5	AT(801126BC)=00000003(HEX);	'....';	3;+0.000002E-78

MAIN (00112470) CALLED BY (OP/SYS)
STANDARD CORRECTIVE ACTION TAKEN, EXECUTION CONTINUING.
FY900I VERRM-EXECUTION TERMINATING DUE TO ERROR COUNT FOR ERROR NUMBER 210
RACEBACK OF CALLING ROUTINES; MODULE ENTRY ADDRESS=00112470
INCORE/1(00115C38) CALLED BY MAIN (00112470) AT ISN 59 OFFSET (000760).
ARGUMENT LIST AT (001127A0)

MAIN (00112470) CALLED BY (OP/SYS)
STANDARD CORRECTIVE ACTION TAKEN, EXECUTION CONTINUING.
FY210I VFNTH - PROGRAM INTERRUPT (P) - SPECIFICATION , PSW 078D0006920205FF
TRACEBACK OF CALLING ROUTINES; MODULE ENTRY ADDRESS=00112470
INCORE/1(00115C38) CALLED BY MAIN (00112470) AT ISN 59 OFFSET (000760).
ARGUMENT LIST AT (001127A0)
ARGUMENT 1 AT(001126F8)=000001A1(HEX); '....'; 417;+0.000215E-78
ARGUMENT 2 AT(001127D0)=00000000(HEX); '....'; 0;+0.000000E+00
ARGUMENT 3 AT(001126F4)=00000013(HEX); '....'; 19;+0.000010E-78
ARGUMENT 4 AT(001126C8)=00000001(HEX); '....'; 1;+0.000001E-78
ARGUMENT 5 AT(001126BC)=00000003(HEX); '....'; 3;+0.000002E-78

MAIN (00112470) CALLED BY (OP/SYS)
STANDARD CORRECTIVE ACTION TAKEN, EXECUTION CONTINUING.
FY210I VFNTH - PROGRAM INTERRUPT (P) - SPECIFICATION , PSW 078D000692020603
TRACEBACK OF CALLING ROUTINES; MODULE ENTRY ADDRESS=00112470
INCORE/1(00115C38) CALLED BY MAIN (00112470) AT ISN 59 OFFSET (000760).
ARGUMENT LIST AT (001127A0)
ARGUMENT 1 AT(001126F8)=000001A1(HEX); '....'; 417;+0.000215E-78
ARGUMENT 2 AT(001127D0)=00000000(HEX); '....'; 0;+0.000000E+00
ARGUMENT 3 AT(001126F4)=00000013(HEX); '....'; 19;+0.000010E-78
ARGUMENT 4 AT(001126C8)=00000001(HEX); '....'; 1;+0.000001E-78
ARGUMENT 5 AT(001126BC)=00000003(HEX); '....'; 3;+0.000002E-78

MAIN (00112470) CALLED BY (OP/SYS)
STANDARD CORRECTIVE ACTION TAKEN, EXECUTION CONTINUING.
FY210I VFNTH - PROGRAM INTERRUPT (P) - SPECIFICATION , PSW 078D000692020607
TRACEBACK OF CALLING ROUTINES; MODULE ENTRY ADDRESS=00112470
INCORE/1(00115C38) CALLED BY MAIN (00112470) AT ISN 59 OFFSET (000760).
ARGUMENT LIST AT (001127A0)
ARGUMENT 1 AT(001126F8)=000001A1(HEX); '....'; 417;+0.000215E-78
ARGUMENT 2 AT(001127D0)=00000000(HEX); '....'; 0;+0.000000E+00
ARGUMENT 3 AT(001126F4)=00000013(HEX); '....'; 19;+0.000010E-78
ARGUMENT 4 AT(001126C8)=00000001(HEX); '....'; 1;+0.000001E-78
ARGUMENT 5 AT(001126BC)=00000003(HEX); '....'; 3;+0.000002E-78

MAIN (00112470) CALLED BY (OP/SYS)
STANDARD CORRECTIVE ACTION TAKEN, EXECUTION CONTINUING.
FY900I VERRM-EXECUTION TERMINATING DUE TO ERROR COUNT FOR ERROR NUMBER 210
TRACEBACK OF CALLING ROUTINES; MODULE ENTRY ADDRESS=00112470
INCORE/1(00115C38) CALLED BY MAIN (00112470) AT ISN 59 OFFSET (000760).
ARGUMENT LIST AT (001127A0)
ARGUMENT 1 AT(001126F8)=000001A1(HEX); '....'; 417;+0.000215E-78
ARGUMENT 2 AT(001127D0)=00000000(HEX); '....'; 0;+0.000000E+00
ARGUMENT 3 AT(001126F4)=00000013(HEX); '....'; 19;+0.000010E-78
ARGUMENT 4 AT(001126C8)=00000001(HEX); '....'; 1;+0.000001E-78
ARGUMENT 5 AT(001126BC)=00000003(HEX); '....'; 3;+0.000002E-78

MAIN (00112470) CALLED BY (OP/SYS)
MESSAGE SUMMARY: MESSAGE NUMBER - COUNT
210 10

PROCESSING HAS BEEN COMPLETED FOR DATASET:
SB#VG.UNIT10
DO YOU WANT TO REMOVE WORKS FROM ANOTHER SATELLITE ? (YES/NO)
no
ENTRY (A) SB#VG.UNIT10 DELETED
READY
logoff
JOB SEEKE CPU=00:00:01.48, EXCPS=0000029 CN(00)
SEEKE LOGGED OFF TSO AT 12:43:34 ON FEBRUARY 7, 1984

SYS2.FORTLIB
SYS2.VFORTLIB

CHANGE CONTROL REPORT

Control No. 26

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed 2/14/84

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator P. Schuster (Name) SAR (Organization) Phone No. 7794

System, Processor, or Component Being or Project Involved IMP8 HGPLT8 program Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

collect all available sources together into one dataset (except for generalized subroutines of SB#M.ADDTO LIB. LOAD) build complete load module from source

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

noted that no available source for RAND (RDINIT, RANDFAST) was immediately known

Assembler routine MTKADD has a different length than our records (1975 assembly) system generated stints were slightly different in some places

Signature Pam Schuster (Name) SAR (Organization) (Date/Time) _____

CHANGE (Description of work performed, including test cases used for verification):

compared maps of comp. and existing executable load module ran one test + compared output.

Routines and Documentation Affected hand noted in existing IMP document; and in source dataset

Work Performed by Maria Sheu Date _____

Work Reviewed by (Supervisor) Pam Schuster Date Feb 23, 1984

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator blue - Active File

CHANGE CONTROL REPORT

Control No. 27

STATUS: QA Use Only—Give Date/Time

Received 2/1/84 EKE Implementation 2/2/84 EKE

Analysis 2/2/84 EKE Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator Eunice Eng (Name) NASA Code 664 (Organization) Phone No. 5768

System, Processor, or Component Required: MULTISAT

Project Involved: FOURIER.SOURCE Computer: IBM 3081 System Version ID: 15.2 Test Case or Program ID: _____

Description (Check if additional pages attached)

Magnetic field data error bars are always the same.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Magnetic field data collection arrays are not being initialized between intervals and at the beginning of the program.

Signature Eunice K. Eng (Name) Code 664 (Organization) 2/2/84 (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Magnetic field data collection arrays are initialized to zero at the beginning of each interval.

Routines and Documentation Affected: ADV64, ADV900: ITSECT and IPSECT are set to 0

Work Performed by Eunice K-Eng Date 2/2/84

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: Jessica Sheets (Signature) 2/5/84 (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT

Control No. 27

STATUS: QA Use Only—Give Date/Time

Received 2/10/84 ems Implementation 2/14/84

Analysis 2/14/84 Verification 2/21/84

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator Jeresa Sheets Code 664 Phone No. 27887
 (Name) (Organization)

System, Processor, or Component Routine or Program Involved MULTISAT. FOURIER.SOURCE
 Computer IBM 3081 System Version ID 15.2 Test Case or Program ID _____

Description (Check if additional pages attached)

When 64 second data intervals are requested, the seconds printed are always zero.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Portion of interval used to calculate seconds, is not being multiplied by the interval length in JULTIM routine.

Signature Jeresa Sheets Code 664 2/14/84
 (Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Multiply portion of interval used to calculate seconds by the interval length, JULTIM routine

Routines and Documentation Affected JULTIM and FOURSE.LOAD

Work Performed by Jeresa Sheets Date 2/14/84

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: Jeresa Sheets 2/21/84
 (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT

Control No. 27

STATUS: QA Use Only—Give Date/Time

Received 2/6/84 Implementation 2/7/84

Analysis 2/7/84 Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator Nancy Toubenthal Code 664 Phone No. 75778
(Name) (Organization)

System, Processor, or Component MULTISAT
Project Involved FOURIER SOURCE Computer IBM 3081 System Version/ID 15.2 Test Case or Program ID _____

Description (Check if additional pages attached)

When the date is 79/8/1 (yr/mo/day); 79/7/32 is printed.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

The end of the month processing of time was incorrect. Two comparison statements in the algorithm should be 'less than' instead of 'less than or equal'.

Signature Veresa Shuts Code 664 Date 2/7/84
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Two comparison statements in JULTIM were changed from 'less than or equal' to 'less than'. These changes are documented in the routine.

Routines and Documentation Affected JULTIM

Work Performed by Veresa Shuts Date 2/7/84

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: Veresa Shuts 2/7/84
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT

Control No. 28

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed 2/27/84

DESCRIPTION (Prepared by originator):

Originator P. Schuster
(Name)

IUP
SAR
(Organization)

Phone No. 17494

System, Processor, or
Component Being or
Project Involved _____

Computer _____

System
Version ID _____

Test Case or
Program ID _____

Description (Check if additional pages attached)

Relink DATO (3380 DISK version) to all fully executable
production, analysis, utility programs (major programs)
The ones done are listed on the accompanying page

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____

P. Schuster
(Name)

(Organization)

Feb, 1984
(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____

P. Schuster

Date _____

Work Reviewed by (Supervisor) _____

MS

Date _____

Feb 21, 1984

VERIFICATION: _____

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis

Light Yellow - Verification

Pink - QA/DIOB

Gold - Originator

Blue - Admin File

CHANGE CONTROL REPORT
ARCHIVE SHEET

Control No. 28

Dataset Name: _____ Project: Imp

PDS _____ SEQ _____

DCB's RECFM _____ LRECL _____ BLKSIZE _____

Storage Device IBM 3350 _____ IBM 3380 _____ IBM MSS _____ OTHER _____

Number of Tracks: _____

If Source or Load Library, Compiler Language: _____

ARCHIVE INFORMATION:

Output Tape Volume-Serial Number: _____

Output File Number: 10-46

Archive Date: Various

Archiver: PAS

LIBMAN: Type Qualifier: _____

LIBMAN Dataset Name: _____

over

all tape dataset names are
 SB#IM, PROGRAM, LOAD for
 Cosmic Ray Backup system
 Change control # 52

RELINK DAID

SB#IM all PDS

PROGRAM	ENTRY	3380 TRKS	file IMPBK3	LIBMAN dataset name	date/notes
ANALIMP6	ANALIM		18 ✓	Z.ANALIMP6.LOAD.UF484047	2/16/84 = day 47
ANALIMP7	ANALIM		17 ✓	Z.ANALIMP7.LOAD.UF384047	
ANALIMP8	ANALIM		16 ✓	Z.ANALIMP8.LOAD.UF584047	
CNTSMRY8	JSMCT		13 ✓	Z.CNTSMRY8.LOAD.UF684047	
DBG8	IMPJMN		11 ✓	Z.DBG8.LOAD.UF384047	
FLUX8	FLUX8		15 ✓	Z.FLUX8.LOAD.UF384047	
IMP8DPS	MAIN		10 ✓	Z.IMP8DPS.LOAD.UF484047	
PHASUM8	SUMMN		12 ✓	Z.PHASUM8.LOAD.UF484047	
VLTSMRY8	VLSMMN		14 ✓	Z.VLTSMRY8.LOAD.UF384047	
ANLIMP7F	ANALIM		19 ✓	Z.ANLIMP7F.LOAD.UF384048	2/17/84 = day 48
ANLIMP8F	ANALIM		20 ✓	Z.ANLIMP8F.LOAD.UF384048	
TIMSM7	TIMSM7		21 ✓	Z.TIMSM7.LOAD.UF384048	
TIMSM8	TIMSM8		22 ✓	Z.TIMSM8.LOAD.UF384048	
CNTSMRY7	HSMCT		23 ✓	Z.CNTSMRY7.LOAD.UF684048	
DBG7	IMPJMN		24 ✓	Z.DBG7.LOAD.UF384048	
FLEX8	FLUX8		25 ✓	Z.FLEX8.LOAD.UF384048	
FLEX7	FLUX7		26 ✓	Z.FLEX7.LOAD.UF384048	
FLUX7	FLUX7		27 ✓	Z.FLUX7.LOAD.UF384048	
PHASUM7	SUMMN	3	28 ✓	Z.PHASUM7.LOAD.UF484052	day 48 ^{LIBMAN} archive failed, redo of data 52
FLUXPLOT	FLXPMN		29 ✓	Z.FLUXPLOT.LOAD.UF284048	
FLEXPLOT	FLXPMN		30 ✓	Z.FLEXPLOT.LOAD.UF284048	
IMPLOT	IMPLOT		31 ✓	Z.IMPLOT.LOAD.UF384048	

RELINK DAIO

All Cosmic Ray system dataset names on
tape are SB#IM. PROGRAM. LOAD

change control
28

PROGRAM	ENTRY	380 TRKS	file IMPK3	DSMAN dataset name	date/notes
ANSTRPY6	ANISPL	6	32	Z. ANSTRPY6.LOAD.VD384052	2/21/84 = day 52
ANSTRPY7	ANSTRP	5	33	Z. ANSTRPY7.LOAD.VD384052	
ANSTRPY8	ANSTRP	5	34	Z. ANSTRPY8.LOAD.VD384052	
CNTSMRY6	CNTSUM	3	35	Z. CNTSMRY6.LOAD.VD484052	
EFLUX	EFLXNW	4	36	Z. EFLUX.LOAD.VD384052	
HGPLT6	HGPLT6	3	37	Z. HGPLT6.LOAD.VD384052	
HGPLT7	HGPLT7	3	38	Z. HGPLT7.LOAD.VD384052	
HGPLT8	HGPLT8		39	Z. HGPLT8.LOAD.VD384052	
IMP7DPS	EX32	4	40	Z. IMP7DPS.LOAD.VD484052	
PFLUX8	PFLUX	4	41	Z. PFLUX8.LOAD.VD384052	
LGPLT6	LGPLOT	3	42	Z. LGPLT6.LOAD.VD484052	
LGPLT7	LGPLOT	3	43	Z. LGPLT7.LOAD.VD384052	
LGPLT8	LGPLT8	3	44	Z. LGPLT8.LOAD.VD384052	
ISVLTPLT	PIPLOT	3	45	Z. ISVLTPLT.LOAD.VD284052	

SB#IM, UTILITY, LOAD members:

		46	46	Z. UTILITY.LOAD.VD684052	2/21/84 = day 52
BLANKCAT	MAIN				
CATMOD	MAIN				
DUMPCAT	MAIN				
GAINADD	MAIN				
GAINREAD	MAIN				
LGNTST	LGNTST1	X			no direct references
LISTGN	LISTGN				
MAINTCAT	MAIN				
MAINTFLX	MAIN				
READCAT	MAIN				
READCATF	MAIN				
READCATL	MAIN				
READFLX	READCA				
RESTORE	RESTDR	X			no direct references
RITCAT	RITCAT	X			no direct references
VLR45T	MAIN				

CHANGE CONTROL REPORT

Control No. 29

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed 2/27/84

DESCRIPTION (Prepared by originator):

Originator P. Schuster
(Name)

SAR ISEE
(Organization)

Phone No. 7794

System, Processor, or
Component Being or
Project Involved

ISEE

Computer _____

System
Version ID _____

Test Case or
Program ID _____

Description (Check if additional pages attached:)

Relink DAIO 3380 disk usn to major production,
analysis + utility programs

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____

P. Schuster

(Name)

(Organization)

(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

as indicated

Routines and Documentation Affected

Work Performed by _____

Pam Schuster

Date _____

Work Reviewed by (Supervisor) _____

PAS

Date _____

Feb 23, 1984

VERIFICATION: _____

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis

Light Yellow - Verification

Pink - QA/DIOB

Gold - Originator

blue - Active File

CHANGE CONTROL REPORT

Control No. 30

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed 2/27/84
3/5/84

DESCRIPTION (Prepared by originator):

Originator P. Schuster Voyager
(Name) (Organization) Phone No. 794

System, Processor, or Component, Failure or Product Involved Voyager Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

Relink DADO to fully executable load modules

Enclosures (Specify) _____
Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by PAS Date 3/5/84

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 31

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator P. Schuster
(Name)

Pioneer SAR
(Organization)

Phone No. 7794

System, Processor, or Component Failing or Product Involved _____

Computer _____

System Version ID _____

Test Case or Program ID _____

Description (Check if additional pages attached)

Relink DPIO to any fully executable load modules

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____

(Name)

(Organization)

(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____

(Signature)

(Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis

Light Yellow — Verification

Pink — QA/DIOB

Gold — Originator

Blue — Active File

CHANGE CONTROL REPORT

Control No. 32

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator P. Schuster SR Alcoa Phone No. 7794
(Name) (Organization)

System, Processor, or Component, Feature or Project Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

Relink DATA to any fully executable load modules

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT

Control No. 33

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received _____ Implementation _____
Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed 2/27/84

DESCRIPTION (Prepared by originator):

Originator P. Schuster SB#44P
(Name) (Organization) Phone No. 7794

System, Processor, or Component Failing or Project Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

Relink DATA to any fully executable load modules

Enclosures (Specify) _____
Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by P. Schuster Date 3/5/84

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

Cosmic Ray Programs

SB#HP

CCR# 33

relink 3380 vsn of DAIO

task:	LOAD \$AR	change to LOAD	program / entry point	update LOAD	relink	check new	CRACK file	ARCHIVE	AR LOAD	notes
					LIBMAN ONLY			VO184065		
			SB#HP.LIB.LOAD			"	"	VO284065		3/5/84
			DMPBL	x						
			GETDATA	MAIN x						
			GRDSZDK	x						
			GRDSZTP	GRDSZTP x						
			LOGEXPND	x						
			MAVPLT	MAIN x						
			MAVPLT	MAIN x						
			OLDMAV	MAIN x						
			OLDTOZET	MAIN x						
			SETOMODE	set mode ✓	✓	✓				
			TLSUPDTE	TLSUPD x	✓	✓				
			TOAJ	MAIN ✓	✓	✓				
			TOTAL	MAIN x						
			TOZETA	MAIN x						
			SB#HP, LIBMAN, LOAD							
			LIBMAN	LIBMAN x						
			LIBMANC	LIBMAN x						

CHANGE CONTROL REPORT

Control No. 34

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____

TYPE: Software Problem Report
 Design Change Request
 New Product

Completed 2/27/84

DESCRIPTION (Prepared by originator):

Originator P. Schuster (Name) SAR (Organization) Phone No. 7794

System, Processor, or Component Failing or Product Involved IMP DATABASE COMPRESSION SOFTWARE Computer _____ System Version ID _____ Test Case or Program ID _____

52 COMPRESS.FORT } compression program
 53 COMUTL.FORT } utility program
 54 COMPRESS.LOAD } load modules
 55 COMUTL.LOAD } and READCT.FORT 56
Software delivery

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by B. Strawn with R. Reddy Date 2/23/84

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT

Control No. 35

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation N. LAL 3/8/84

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator John McGovern (Name) RMS (Organization) Phone No X6115

System, Processor, or Component Being Tested: Voyager Encygen Computer: IBM 3081 System Version: _____ Test Case or Program ID: _____

Description (Check if additional pages attached)
GETTIM error messages at the end of a Voyager-1 Encygen run. Appears that the 15 minute volume number cannot be calculated.
Attached is a sample of the error messages

Enclosures (Specify) _____

Action Required by (Date) -ASAP

ANALYSIS: Check if additional pages attached Date Received _____

An internal circular data was not correctly used. The problem would have only occurred at the end of an input library tape file when the internal circular list is used to extrapolate forward the timing calculations. There is a type-0 variable was changed from INTVLA to INTVLA in Subroutine GETTIM.
The data-base is okay.

Signature _____ (Name) LAL (Organization) U. MD. (Date/Time) 3/8/84

CHANGE (Description of work performed, including test cases used for verification):

See attached sheet

Routines and Documentation Affected Subroutine GETTIM, ENCYGEN LOAD MODULE (ENCYGEN) and problem documented in source library PRO6LOS

Work Performed by DR. VAND. LAL Date 3/8/84

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION: White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

STANDARD CORRECTIVE ACTION TAKEN, EXECUTION CONTINUING.
ANLYZE *ANALYZER DONE WITH VOLUME*****

IFY2071 VENTH - PROGRAM INTERRUPT (P) - DIVIDE CHECK , BETWEEN ISN/LINENUM
OFFSET 000452

TRACEBACK OF CALLING ROUTINES; MODULE ENTRY ADDRESS=00105958

GETTIN (00106888) CALLED BY 2 (XXXXXXXX) AT ISN ** OFFSET (0000

PREMATURE END OF SAVE AREA BACK CHAIN, TRACEBACK TERMINATED.

STANDARD CORRECTIVE ACTION TAKEN, EXECUTION CONTINUING.

IFY2071 VENTH - PROGRAM INTERRUPT (P) - OVERFLOW , BETWEEN ISN/LINENUM
OFFSET 000452

TRACEBACK OF CALLING ROUTINES; MODULE ENTRY ADDRESS=00105958

GETTIN (00106888) CALLED BY 2 (XXXXXXXX) AT ISN ** OFFSET (0000

PREMATURE END OF SAVE AREA BACK CHAIN, TRACEBACK TERMINATED.

STANDARD CORRECTIVE ACTION TAKEN, EXECUTION CONTINUING.

ANLYZE	*ANALYZER DONE WITH VOLUME*****
ANLYZE	*ANALYZER DONE WITH VOLUME*****
ANLYZE	*ANALYZER DONE WITH VOLUME*****
ANLYZE	*ANALYZER DONE WITH VOLUME*****
ANLYZE	*ANALYZER DONE WITH VOLUME*****
ANLYZE	*ANALYZER DONE WITH VOLUME*****
ANLYZE	*ANALYZER DONE WITH VOLUME*****
ENCGEN	ENCGEN JOB TERMINATED WITH RC= 0

MESSAGE SUMMARY: MESSAGE NUMBER - COUNT

207 11

208 13

209 11

3/8/84

Eunice,

I have installed version 10 of the ENCGEN for Voyager. There was an error in GETTIM that has now been fixed. The error is documented in PROGLOG.

'SB#VG. ENCGEN. SOURCE' is the updated source
'SB#VG. ENCGEN. SOURCE(\$BUILD\$)' was used
to create updated load module.

The SYSOUT from the job is in your
FETCH queue. Please route it and
have the archives made.

Can

CHANGE CONTROL REPORT

Control No. 36

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received _____ Implementation _____
 Analysis _____ Verification _____
 DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator Wootman Phone No. _____
 (Name) (Organization)

System, Processor, or Component, Routine or Project involved SB#HL.LIB.CNTL System Version ID _____ Test Case or Program ID _____
 Computer _____

Description (Check if additional pages attached
Modify project lib.cntl dataset to peak next FORTRAN 4 G, Assemble & proc, ADDTCLIB etc.

Enclosures (Specify) _____
 Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received 12/20/83

Change Proc (Proc) statements as per SACC memo in 'SYS2.DOCUMENT(VSFORT)'

Signature KAW SAR 12/20/83
 (Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Chit EXEC statement

Routines and Documentation Affected _____

Work Performed by _____ Date _____
 Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT

Control No. 37

STATUS: OA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received _____ Implementation _____
 Analysis _____ Verification _____
 DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator Wootman SAR Phone No. _____
 (Name) (Organization)

System, Processor, or Component, Training or Project Involved SB#PR.LIB.CNTL System Version ID _____ Test Case or Program ID _____
 Computer _____

Description (Check if additional pages attached)

Modify project lib.cntl dataset to pick out FORTRAN #6 and Assembler procs. add to libs, etc.

Enclosures (Specify) _____
 Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Change PROC EXEC statements as per SACC memo in 'SYS2.DOCUMENT(VSFORT)'

Signature KAW SAR 12/20/83
 (Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Chg EXEC statement

Routines and Documentation Affected _____

Work Performed by KAW Date 12/20/83
 Work Reviewed by (Supervisor) # Date _____

VERIFICATION: _____ (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT

Control No. 38

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

3/13/84

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator J. McGovern RMS Phone No. _____
(Name) (Organization)

System, Processor, or Component Failing or Product Involved _____ Computer Voyager System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

FIX CHIST LOGLIST so that hardcopy is user selected rather than always printed

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

LOGLIST now has option for hardcopy by entering yes or no to question

Routines and Documentation Affected _____

Work Performed by KAW S.A.R. Date 3/19/84

Work Reviewed by (Supervisor) P. Schuster Date _____

VERIFICATION: _____
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 39

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

5/13/84

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator N. Smith (Name) _____ (Organization) _____ Phone No. _____

System, Processor, or Component Failing or Product Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

Fix CLIST (LOGLIST) to bypass print of hardcopy unless specifically requested

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time) _____

CHANGE (Description of work performed, including test cases used for verification):

LOGLIST now has option for hardcopy by entering Yes or No to question.

Routines and Documentation Affected _____

Work Performed by KAW S.A.R. Date 3/19/84

Work Reviewed by (Supervisor) P. Schuster Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time) _____

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator See - Active File

CHANGE CONTROL REPORT

Control No. 41

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____ Implementation _____

Design Change Request

Analysis _____ Verification _____

5/13/84

DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator J. McGovern RMS Phone No. _____
(Name) (Organization)

System, Processor, or Component Being or Project Involved Voyager ENCIT program Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

~~RMS~~ ENCIT ~~code~~ doesn't work (ie program submitted by ENCIT doesn't work - same symptoms as RMWRK foreground execution (RMVCIT: this function is no longer used in Voyager))

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

ENCIT needed USFORTRAN vsn of INCORE (IMBIST showed wrong length) so relinked it. Then pgm got SIO6-PC ABEND which indicates a need for more CORE in REGION param. This was doubled (arbitrarily) & then the pgm ran OK.

Signature P. Schuster SAR June 8, 1984
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

see analysis above

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) P. Schuster Date 6/8/84

VERIFICATION: _____
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 42

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received 3/23/84 EKE

Implementation _____

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed 3/23/84 EKE

DESCRIPTION (Prepared by originator):

Originator N. Smith (Name) _____ (Organization) _____ Phone No. 6115

System Processor of 50# IC.LIB.LLIST (DPLOGLIST)
Component Being of _____
Product Involved _____ Computer: 3081 System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:
Fix CLIST Loglist so that hardcopy is user selected rather than always printed.

Enclosures (Specify) _____
Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

DPLOGLIST now has option for hardcopy by entering Yes or No to question

Routines and Documentation Affected _____
Work Performed by KAW Date 3/23/84
Work Reviewed by (Supervisor) Pam Schuster Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:
White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 44

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received 3/23/84 SKG

Implementation _____

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator P. Schuster

(Name)

SAR

(Organization)

Phone No. 6539

System, Processor, or Component Failing or Project Involved Isee-3

Computer _____

System Version ID _____

Test Case or Program ID _____

Description (Check if additional pages attached)

Check the RMUEDR program (see February monthly under Isee) to see why it apparently removed a tape from FIS which had been unsuccessfully processed (4) in status byte.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Checked program SB#IC.TLS.SOURCE(REDR) discovered REDR does not check the upper 2 bits of the slot allocation status and the processing disposition before it actually removes the tape volume from TLS.

Signature Maria Shen

(Name)

SAR

(Organization)

(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

A group of lines were put in to check the upper 2 bits of the slot allocation status and the processing disposition, if not expected, print warning message.

Routines and Documentation Affected _____

Work Performed by Maria Shen

Date _____

Work Reviewed by (Supervisor) _____

Date _____

VERIFICATION: _____

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator blue - Active File

CHANGE CONTROL REPORT

Control No. 45

STATUS: QA Use Only—Give Date/Time

Received 3/30/84 SKR Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator Schwartz SAR Phone No. 7794

(Name) (Organization)

System, Processor, or Component Being or Project Involved IMP-7 howGen Plot LG PLT System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

make card input analogous to IMP8 changes which related to INTERVALS greater than 999

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Signature _____ (Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT

Control No. 46

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received 4/6/84 ESR

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed 4/6/84

DESCRIPTION (Prepared by originator):

Originator Jeresa Sheets Code 664 Phone No. x 7887
(Name) (Organization)

System, Processor, or Component, Parting or Project Involved MULTISAT. FOURIER Computer IBM 3081 System Version ID 16 Test Case or Program ID _____

Description (Check if additional pages attached:)

Changes made to the TIMJUL and JULTIM routines for the ISEE-3 satellite, inadvertently caused timing problems for some of the other satellites in the Fourier system.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received 2/29/84

Restore previous version, rebuild load modules, verify test results against previous test runs.

Signature Jeresa Sheets Code 664 2/31/84
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Restored version 15. Rebuilt load modules using OFORTH and OADDTLIB. Made test runs and verified results against previous test runs. See SB#PR, MULTISAT, FOURIER, SOURCE (MODS) for more details.

Routines and Documentation Affected _____

Work Performed by Jeresa Sheets Date 4/6/84

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 47

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request
 New Product

DESCRIPTION (Prepared by originator):

Originator M. Shen SAR Phone No. _____
 (Name) (Organization)

System, Processor, or Component Being or Project Involved IMP Compression System Software; utility COMCHK
 Computer: _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

a new program, COMCHK, is available. It will enable the user to validate the correspondence CATALOG, relative to the current state of the OLD IMP TAPE CATALOG. It also has an option to return an OLD IMP TAPE CATALOG VOL-SER, given tape type and reel sequence#, or given tape type and time of data.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Signature _____
 (Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by Maria J. H. Shen Date _____

Work Reviewed by (Supervisor) Sam Schuster Date 4/30/84

VERIFICATION: _____
 (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

Archived request form

CHANGE CONTROL REPORT

Control No. 48

STATUS: QA Use Only—Give Date/Time **TYPE:** Software Problem Report

Received _____ Implementation _____ Design Change Request

Analysis _____ Verification _____ new Product

DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator BS Reddy (Name) SAR (Organization) Phone No. _____

System, Processor, or Component Failing or Project Involved IHP COMPRESSION SYSTEM SOFTWARE ADDITION: PRECOM System Version ID _____ Term Case or Program ID _____

Description (Check if additional pages attached:)

Develop a preprocessor program (PRECOM) to setup JCL files to submit batch job for IHP data Base Compression. The program should accept user input data as in compression program and prepare JCL file updating catalog file names and their respective JCLs. The corresponding CLIST must be able to create a new JCL file if needed and submit it for run.

Enclosures (Specify) _____

Action Required by (Date) immediate

ANALYSIS: Check if additional pages attached Date Received _____

Program development and testing completed by April 03/1984.
(note: The JCL sets correct record length for each tape type)
The CLIST job name XRBSR.COMPRESS.CLIST
source file name XRBSR.PRECOM.FORT (formerly XRBSR.COMPRS.FORT)
source file contains %BUILD, %KUN, %CLIST members.

Signature B. S. Reddy (Name) SAR (Organization) 4/30/84 (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by B.S. Reddy Date _____

Work Reviewed by (Supervisor) P. Schuster Date 4/30/84

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:
 White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 49

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request
 enhancement

DESCRIPTION (Prepared by originator):

Originator B.S. Reddy (Name) SAR (Organization) Phone No. _____

System, Processor, or Component Being or Project Involved IMP COMPRESSION SYSTEM: COMPRESS program

Computer _____ System _____ Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

Needs the enhancement to handle tape types with multiple files (such as SPECT, etc)

Enclosures (Specify) _____

Action Required by (Date) as soon as possible

ANALYSIS: Check if additional pages attached Date Received _____

Compress program has been updated to read and compress IMP data tapes with multiple files. The last two words of IMP catalog (13-15) are used to find the actual # of files on a given tape. and then the testing was completed successfully. New version is 1.2

Signature B. S. Reddy (Name) SAR (Organization) 4/25/84 (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by B.S. Reddy Date _____

Work Reviewed by (Supervisor) P. Schuster Date 4/30/84

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator blue — Active File

CHANGE CONTROL REPORT

Control No. 50

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator BS Reddy (Name) SAR (Organization) Phone No. _____

System, Processor, or Component Being or Product Involved IMP COMPRESSION SYSTEM : utility COMUTL System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

got formatted I/O error on unit 5 when running comutl

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Input read variables have been changed to have a 72 character strings (instead of 130 in the early case) This probably would eliminate the problem. Tests are successful without any failure.

Signature B. S. Reddy (Name) SAR (Organization) 4/30/84 (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by B.S. Reddy Date _____

Work Reviewed by (Supervisor) P. Schuster Date 4/30/84

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 51

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator _____

(Name)

(Organization)

Phone No. _____

System, Processor, or Component Being or Product Involved _____

SB#(M, UTILITY, LOAD)

Computer _____

System Version ID _____

Test Case or Program ID _____

Description (Check if additional pages attached:)

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____

(Name)

(Organization)

(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

added LSTA32, LSTA32A load modules for convenience of not having to use source.

Routines and Documentation Affected _____

Work Performed by _____

P. Schuster

Date

4/5/84

Work Reviewed by (Supervisor) _____

Date

VERIFICATION: _____

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time

DISTRIBUTION:

White — Analysis

Light Yellow — Verification

Pink — QA/DIOB

Gold — Originator

Blue — Active File

CHANGE CONTROL REPORT

RELOADED FROM: VOYBK1 file 6

Control No. 52

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received 4/26/84 EKE

Implementation _____

Design Change Request

Analysis 4/26/84 EKE

Verification _____

DIOB Action (Specify) _____

Completed EKE 4/30/84

DESCRIPTION (Prepared by originator):

Originator John McGovern RMS Phone No. _____
(Name) (Organization)

System, Processor, or Component Failing or Project Involved Voyager - ENCYGEN Computer IBM 3081 System Version ID 10 Test Case or Program ID _____

SR# VG. ENCGEN. SOURCE

Description (Check if additional pages attached)
File confusion when trying to process the next file on the next library tape.

Enclosures (Specify) _____
Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Subroutine FNEXT Nothing is wrong with code -
copy done indicated on p.o. to store file # from LIB block
into Mount call variable.
Problem was on LIB tape. File 1 of M2L034 had a bad dsn

Signature Nand hal + Pam Schuster 4/26
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):
as above just renamed build to \$build\$ + LookATME to
done by John McGovern + P. Schuster \$DIR\$

Routines and Documentation Affected _____
Work Performed by _____ Date _____
Work Reviewed by (Supervisor) P. Schuster Date 4/27/84

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:
White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator blue - Active File

check one & give this information for each dataset affected by this CCH#

CHANGE CONTROL REPORT

- dataset was on disk already: date 5/6/84
- dataset restored from LIBMAN version _____
- dataset restored from COSMIC my backups tape _____ file _____

Control No. 53

STATUS: QA Use Only—Give Date/Time

Received 5/14/84 E. May Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator P. Schuster (Name) SAR (Organization) Phone No. _____

System, Processor, or Component Being or Product Involved SB#1M. PRECOM. Source Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:

Add input format helps for user; write JCL line 17 in exactly the formats that COMPRESS will read. Do not change JCLFILE unless user gives OK, if new JCLFILE he has just been editing is not reviewed, add option to set parameter IOCHK

Enclosures (Spec. _____)

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

restructure SETJCL to give user messages differently, and do not ^{automatically} write new JCL file if the file is not reviewed on the screen; rather the user will be asked if JCL is OK. OK => rewrite of new JCL into old version JCLFILE if it is being used.

Signature P. Schuster (Name) SAR (Organization) 5/11/84 (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

restructure SETJCL

add input format helps to MAIN & write line 17 of JCL file with integer formats where COMPRESS reads them. Allow IOCHK to be set.

Routines and Documentation Affected _____

Work Performed by P. Schuster DATE 5/11/84

Work Reviewed by (Supervisor) _____ DATE _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

check one & give this information for each dataset affected by this cct#

CHANGE CONTROL REPORT

- dataset was on disk already : date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmicray backups tape _____ file _____

Control No. 54

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator _____ (Name) _____ (Organization) Phone No. _____

System, Processor, or Component Being or Project involved RESPONSE Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

make pgm write FLUX catalog name + date on po.
change SCRIPT commands to eliminate long blank pages
Reformat Table of Contents and write
make build from complete source

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) (Date/Time) _____

CHANGE (Description of work performed, including test cases used for verification):

changed SB#IC USHS2 SOURCE(TESTID2) for the change of the Script Printout
changed SB#HC USHS2 SOURCE(\$BUILD1) so it has the complete source
members to build the load module.

Routines and Documentation Affected _____

Work Performed by Marva Shea Date _____

Work Reviewed by (Supervisor) Jim Schuster Date Feb 14, 1985

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

check one & give this information for each dataset affected by this cch# -

CHANGE CONTROL REPORT

- dataset was on disk already : date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmic ray backups tape _____ file _____

Control No. 55

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received 5/29/84 ELS

Implementation _____

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed 6/6/84 Eng

DESCRIPTION (Prepared by originator):

Originator P. Schuster SAR Phone No. _____
(Name) (Organization)

System, Processor, or Component Being or Project Involved COMUTL IMP Compression Software
Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

Add option to expand correspondence catalog

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

A subroutine SPACE was added to write blank records into the correspondence catalog.
Member UPDATE was expanded to call SPACE to recreate CATALOG with more space when this option is invoked.
(This option was provided in the earlier version of COMUTL but not supported!)

Signature Maria G. A. Shen SAR Jun 84
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) Pam Schuster Date 6/6/84

VERIFICATION: Jessie K. Eng 6/6/84
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Admin File

check one & give this information for each dataset affected by this cct#

CHANGE CONTROL REPORT

- dataset was on disk already: date _____
- dataset restored from LIBMAN version _____
- dataset restored from Cosmucopy backups tape _____ file _____

Control No. 56

STATUS: QA Use Only—Give Date/Time

Received 5/29/84 eg Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____

TYPE: Software Problem Report
 Design Change Request

Completed 6/6/84 eg

DESCRIPTION (Prepared by originator):

Originator P. Schuster (Name) _____ (Organization) _____ Phone No. _____

System, Processor, or Component Being or Project Involved COMCHK IMP COMPRESSION SOFTWARE

Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

eliminate hard-coded limitations involving reel sequence # eliminate the overflow problem of the number of files on the new tape in the correspondence catalog. ~~the~~ storage and writing out of the

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

use the alternate return from CATALOG. Count to a maximum of 23 alternate returns. If 23 are encountered, assume you are at end of data (IMP-8 PHAS, CNIS start at reel sequence # 21; then allow 2 alternate returns at end of data)

Change the format of the BUFFER and the write statements that involve no of files

Signature P. Schuster (Name) STR (Organization) May 84 (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Changes of member COMPAR, CORR and MAIN are listed in the attached papers

Routines and Documentation Affected _____

Work Performed by Maria G. A. Shen Date _____

Work Reviewed by (Supervisor) Pam Schuster Date _____

VERIFICATION: [Signature] (Signature) 6/6/84 (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

Changes made in COMCHK.SOURCE (COMPAR)

DELTD		CHARACTER*110	BUFF(600)		00001250
DELTD		CHARACTER*20	OLDENT(600)		00001260
ADDED		CHARACTER*111	BUFF(600)		00001250
ADDED		CHARACTER*19	OLDENT(600)		00001260
DELTD		WRITE(6, '(21X, A110)')	BUFF(NBF1)		00001880
ADDED		WRITE(6, '(21X, A111)')	BUFF(NBF1)		00001880
DELTD	100	FORMAT(1X, A6, A3, A4, 1X, A6, I2, 1X, A3, I6, I6, 2X, A3, I4, 1X, A3, I2, 1X, A3,			00001960
ADDED	100	FORMAT(1X, A6, A3, A4, 1X, A6, I3, 1X, A3, I6, I6, 2X, A3, I4, 1X, A3, I2, 1X, A3,			00001960

Changes made in COMCHK.SOURCE (MAIN)

ADDED	C	M. SHEN	MAY 1984	1.1	SAR	MODIFICATION	00000510
DELTD	C		END IF				00001090
ADDED	C		END DO				00001100
DELTD		INTEGER	NREELS(13), NREELE(13), IWORD				00001160
ADDED		INTEGER	IWORD				00001170
DELTD		CHARACTER*4	TAPNM(13), TYPE(9), TYP, BFREE(9, 600)				00001180
ADDED		CHARACTER*4	TAPNM(13), TYPE(8), TYP, BFREE(9, 600)				00001190
DELTD		CHARACTER*20	OLDENT(600)				00001210
DELTD		CHARACTER*110	BUFF(600)				00001220
ADDED		CHARACTER*19	OLDENT(600)				00001220
ADDED		CHARACTER*111	BUFF(600)				00001230
DELTD		DATA TYPE/'PHAS', 'CNTS', 'MATR', 'BLNK', 'LOWG', 'FLUX',					00001300
ADDED		DATA TYPE/'PHAS', 'CNTS', 'MATR', 'LOWG', 'FLUX',					00001310
DELTD		DATA NREELS/0, 21, 21, 6, 0, 3, 0, 0, 2, 0, 4, 3, 0/,					00001320
DELTD	1	NREELE/0, 204, 204, 51, 0, 21, 0, 0, 16, 0, 34, 26, 0/					00001330
DELTD		NTYPE=9					00002090
ADDED		NTYPE=8					00002080
DELTD		NSTART=NREELS(ITYPE)					00002290
DELTD		NEND=NREELE(ITYPE)					00002300
DELTD		DO 160 NRL=NSTART, NEND					00002310
DELTD		CALL CATLOG(ITYPE, 4, NRL, IYEAR, ERR)					00002320
ADDED		NRL=0					00002280
ADDED		NERR=0					00002290
ADDED	160	NRL=NRL+1					00002300
ADDED		CALL CATLOG(ITYPE, 4, NRL, IYEAR, *163)					00002310
DELTD	160	CONTINUE					00002500
DELTD		IF (NBF2.LT.NBF) NBF2=NBF					00002510
ADDED		GO TO 160					00002490
ADDED	163	NERR=NERR+1					00002500
ADDED		WRITE(6, '(' TYPE, NERR= ', A4, 4X, I5)') TYPE(I), NERR					00002510
ADDED		IF (NERR.GE.23) GO TO 168					00002520
ADDED		GO TO 160					00002530
ADDED	168	IF (NBF2.LT.NBF) NBF2=NBF					00002540
DELTD		WRITE(6, '(1X, A20, ' ', A110)') OLDENT(I), BUFF(I)					00002550
ADDED		WRITE(6, '(1X, A19, ' ', A111)') OLDENT(I), BUFF(I)					00002580

Changes made in COMCHK.SOURCE (CORR)

DELTD	C	OLDENT	A20	BUFFER THAT STORES INFORMATION OF THE	00000285
ADDED	C	OLDENT	A19	BUFFER THAT STORES INFORMATION OF THE	00000285
DELTD		CHARACTER*20	OLDENT(600)		00000930
DELTD		CHARACTER*110	BUFF(600)		00000940
ADDED		CHARACTER*19	OLDENT(600)		00000930
ADDED		CHARACTER*111	BUFF(600)		00000940
DELTD	150	FORMAT(1X, A2, 1X, A4, 1X, I4, 1X, A6)			00001390
ADDED	150	FORMAT(A2, 1X, A4, 1X, I4, 1X, A6)			00001390

CHANGE CONTROL REPORT

File

Control No. 58

No corrections

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received 6/18/84 Eng

Implementation _____

Design Change Request

Analysis 6/19/84 Eng

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator Teresa Sheets
(Name)

Code 664
(Organization)

Phone No. 7887

System, Processor, or Component Failing or Project Involved ISEE-3 Data Pool
DPENCY

Computer IBM 3081

System Version ID _____

Test Case or Program ID _____

Description (Check if additional pages attached)

Data time for 128 second data points are 126 seconds apart
79/6/6 0:00 to 79/6/6 2:00
79/6/6 0:45:00 ← first discrepancy
HIVESTAR, MANOEUVERS
ANDERSON, BAME, SCARF, emptytag

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received 6/18/84

There are 60 Smith data groups in each raw record.
At every raw record boundary there could be a correction
in time of 24 seconds. The DPENCY software can only make
this correction at 15 minute volume boundaries. Some data
points will align themselves nicely at 15 minute boundaries
others will not. Therefore users of DPENCY tape should allow
a time tolerance of 24 seconds.

Signature _____

Lance R. J.
(Name)

NASA/GSFC 664
(Organization)

6/19/84 10:30
(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____

Date _____

Work Reviewed by (Supervisor) _____

Date _____

VERIFICATION:

(Signature) _____

(Date/Time) _____

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator blue — Active File

CHANGE CONTROL REPORT

SB # 10. DPGEN. SOURCE

ARCHIVE SHEET

Reload Information:

_____ Dataset on disk already: date: _____

_____ Dataset reloaded from LIBMAN: vol-ser _____ file # _____

_____ dsn _____

Dataset reloaded from CR BACKUP: vol-ser ISEBK7 file # 10

Development Dataset Information:

Final Dataset Name: _____

Current Dataset Name _____ PDS _____ SEQ _____

Dataset DCB's RECFM _____ LRECL _____ BLKSIZE _____

Number of tracks _____ Compiler Language _____

Archive Information:

Output Tape Volume-Serial: _____

Output file number: _____

Archive Date: _____ Archiver: _____

*No Blups
Make, no changes
Made. kee 6/19/84*

LIBMAN - Dataset Name _____

Summary of Change from Previous Version.

- 1. Program (and/or members) changed

None

- 2. Reason for change

Check why some data points are 1-2 seconds off when calculated using the time of the first SMITH (magnetic field) data. This is due to the discrepancy between raw records aligned on 60-64 sec batches and encyclopedia records aligned on 15 min. wall clock intervals.

check one & give this information for each dataset affected by this cct# -

CHANGE CONTROL REPORT

- dataset was on disk already : date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmicmy backups tape _____ file _____

Control No. 39

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator B.S. Reddy (Name) SAR (Organization) Phone No. _____

System, Processor, or Component Being or Proposed to be _____ IMP COMPRESS program _____

Computer _____ Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

1. add input parameter # of I/O errors allowed before job aborts
2. add # of records copied, # files copied, comment fields to CORREAT
3. Print summary table at the end of job

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

All the required job enhance work (1,2,3 above) have been added.
A new interactive SUMMARY has been added to accumulate job summary and print at the end.

Routines and Documentation Affected see # DIR member for note routing affected

Work Performed by B.S. Reddy Date 7/2/84

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

check one & give this information for each dataset affected by this cch# -

CHANGE CONTROL REPORT

- dataset was on disk already: date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmic ray backups tape _____ file _____

Control No. 60

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator B. S. Reddy (Name) SAR (Organization) Phone No. _____

System, Processor, or Component Being or Product Involved IMP COMUTL program Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

modify to accomodate CORREAT additions of cch#59

Enclosures (Specify): _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Modify the program COMUTL to list entire catalog or partial catalog.

Signature BS Reddy (Name) _____ (Organization) _____ (Date/Time)

Date Received _____

CHANGE: Description of work performed, including test cases used for verification:

Subroutine LIST has been modified to print full catalog (130 cds) or partial catalog (80 cds).

Routines and Documentation Affected MAIN, LIST

Work Performed by B. S. Reddy Date 2/2/84

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Admin File

check one & give this information for each dataset affected by this cct#

CHANGE CONTROL REPORT

- dataset was on disk already: date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmicray backups tape _____ file _____

Control No. 61

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator B.S. Reddy (Name) SAR (Organization) Phone No. _____

System, Processor, or Component Being or Product Involved IMP PRECOM program Computer _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

1. add I/O input parameter
2. add JCL lines to allow extra user processing

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Requested options were added. The new version has 12 blank jcl lines for use to update before submitting the job. This will be retained till the as long as the same file is used.

Routines and Documentation Affected see \$DIR member to note the routine affected

Work Performed by B.S. Reddy Date 7/2/85

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Archive File

check one & give this information for each dataset affected by this cct# -

CHANGE CONTROL REPORT

- dataset was on disk already: date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmic ray backups tape _____ file _____

Control No. 62

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request
 new product

DESCRIPTION (Prepared by originator):

Originator S. Kayser (Name) SAR (Organization) Phone No. _____

System, Processor, or Component Being or Project Involved Pioneer OLDFLUX program Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

Program summarizes Pioneer plasma data and formats it in such a way that the cosmic ray MAVPLOT program can be used to plot the data

Enclosures (Specify) _____

Action Required by (Date) June 1984

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) F. Schuster Date June 1984

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 67

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request
 New Product

DESCRIPTION (Prepared by originator):

Originator Jeresa Sheets Code 664 Phone No. x 7887
 (Name) (Organization)

System, Processor, or Use-3
 Component Failing or DPTXT Computer FBM 3081 System Version ID 1 Test Case or Program ID 1
 Project Involved

Description (Check if additional pages attached)

The data pool tape-data extraction program can selectively extract raw and averaged data from the data pool tape. The output consists of 2 disk files containing data and information about the data, and a PDP 11/70 tape output. The PDP 11/70 tape can be processed by the TIMPLT program.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Signature _____
 (Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: Jeresa Sheets 9/13/84
 (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator blue - Active File

CHANGE CONTROL REPORT

Control No. 69

STATUS: QA Use Only—Give Date/Time		TYPE: <input type="checkbox"/> Software Problem Report	
Received _____	Implementation _____	<input checked="" type="checkbox"/> Design Change Request	
Analysis _____	Verification _____		
DIOB Action (Specify) _____		Completed _____	

DESCRIPTION (Prepared by originator):

Originator Jeresa Sheets Code 664 Phone No. 7887
(Name) (Organization)

System, Processor, or Component Failing or Project Involved Jourier Issue-3 Computer IBM 3081 System Version ID 1 Test Case or Program ID 1

Description (Check if additional pages attached)

Magnetic field (data pool-encyclopedia) tape catalog search routines are to be added & tested. Also a new version of Issue-3 is to be created because of a new input tape format

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Because of the incompatibility of the Jourier timing routines and the base year of the Issue data (ie the base year is not a leap year), a new FOURSE.LOAD was created for the exclusive use with the Issue-3 Jourier program.

Add tape catalog search routines and test.

Signature Jeresa Sheets Code 664 Date/Time 10/3/84
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

The tape catalog search routines were added and tested. Two new load modules were created for the new version of Issue-3 Jourier: ISB#IC.ISEFOURSE.LOAD & ISE84.LOAD

Routines and Documentation Affected The source is in SB#IC.ISE84. SOURCE

Work Performed by Jeresa Sheets Date 10/3/84

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator blue - Active File

CHANGE CONTROL REPORT

Control No. 70

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received 10/4/84 E.g.

Implementation _____

Design Change Request

Analysis 10/4/84 E.g.

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator Bob. McGuire
(Name)

UM
(Organization)

Phone No. _____

System, Processor, or
Component Failing or
Project Involved

GENERAL LOAD

Computer

IBM 3081

System

Version ID

2

Test Case or

Program ID _____

Description (Check if additional pages attached)

Some sources that call SB# V6. GENERAL LOAD routines are
FORTRAN-H only. It is necessary to have a FORTRAN-H
compatible object module.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Reload old SB# V6. GENERAL LOAD BEFORE SEPT. 15, 1983
when the load module was made VS FORTRAN compatible.

Rename this load module FHGENRL.LOAD and save it
permanently.

Signature

[Signature]
(Name)

NASA Code 664
(Organization)

10/4/84
(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____

Date _____

Work Reviewed by (Supervisor) _____

Date _____

VERIFICATION:

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White — Analysis

Light Yellow — Verification

Pink — QA/DIOB

Gold — Originator

blue — Active File

check one & give this information for each dataset affected by this cct# -

CHANGE CONTROL REPORT

- dataset was on disk already : date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmic ray backups tape _____ file _____

Control No. 73

STATUS: QA Use Only - Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request
 New product

DESCRIPTION (Prepared by originator):

Originator P. Schuster (Name) SAR (Organization) Phone No. _____

System, Processor, or Component Being or Product Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

deavenge RMVWRK software to make utility capable of listing
dead LOG blocks in the slot range allocated to ENCY @ all
LOG BLOCKS with active status and hard coded slot value

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

created SB#VG.PNTENC.SOURCE (PRINT ENCY BLOCKS)

Routines and Documentation Affected _____

Work Performed by M. Shen Date _____

Work Reviewed by (Supervisor) P. Schuster Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

check one & give this information for each dataset affected by this cct#

CHANGE CONTROL REPORT

- dataset was on disk already : date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmicray backups tape _____ file _____

Control No. 74

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____ Implementation _____
 Analysis _____ Verification _____

Design Change Request

DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator _____ (Name) _____ (Organization) _____ Phone No. _____

System, Processor, or Component Being or Provider involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

RESPONSH

Description (Check if additional pages attached)
 make .pgm write FLUX catalog name & date on printout
 change script commands to eliminate long blank pages
 reformat listing to conform to Jsee/Voyager format
 make build from complete source
 reformat Table of Contents

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

changed SBHC.LKSH2.SOURCE(TESTHS2) for the change of the script printout.
 SBHC.LKSH2.SOURCE(\$BUILDH) so it has the complete source members
 to build the load module

Routines and Documentation Affected _____

Work Performed by Maria Shon Date _____

Work Reviewed by (Supervisor) Pam Schuster Date Feb 14, 1985

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:
 White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

check one & give this information for each dataset affected by this cct#

CHANGE CONTROL REPORT

- dataset was on disk already: date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmic ray backups tape _____ file _____

Note = Control No. 75 is the original program written by Hwa-Ja Rhee

Control No. 7878

STATUS: QA Use Only - Give Date/Time

TYPE: Software Problem Report

Received _____ Implementation _____

Design Change Request

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator _____ (Name) _____ (Organization) _____ Phone No. _____

System, Processor, or Component Being or Project Involved SB#HP, MULTIPLE SOURCE Jan 85
Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

modify so that symbols are used rather than letters, in data line
allow points to be connected by lines
add title & comment cards to plot
allow longer plot symbol description

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) (GOLDMAN) (Organization) _____ (Date/Time) _____

CHANGE (Description of work performed, including test cases used for verification):

The original program was modified and renamed (NEWMAIN), the ~~orig~~ the JCL files (\$JCL) (\$JCL1) (\$JCL2) (\$JCL3), the clist (\$CLIST) and the user's guide (\$\$UGUIDE) were prepared and put together in the same PDS.

Routines and Documentation Affected _____

Work Performed by M. Shen Date Jan 85

Work Reviewed by (Supervisor) P. Schuster Date 2/13/85

VERIFICATION:

(Signature) _____

(Date/Time) _____

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

check one & give this information for each dataset affected by this cct# -

CHANGE CONTROL REPORT

- dataset was on disk already: date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmicray backups tape _____ file _____

Control No. 76

STATUS: QA Use Only - Give Date/Time

TYPE: Software Problem Report

Received _____ Implementation _____

Design Change Request

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator P. Schuster (Name) SAR (Organization) Phone No. 6539

System, Processor, or Component Being or Project Involved Voyager ENGEN Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

core temperature dropout in Aug 83 -> data

Enclosures (Specify): _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

correction for mod16 counters reset had not been applied to engineering data. modify routine ENGPRO

Signature Nand hal + P. Schuster (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

modified ENGPRO in a similar way to the correction used in RDIDSEG

tested by redoing late Aug 83 time period w new Engen. data there

Routines and Documentation Affected none

Work Performed by P. Schuster Date Jan 28, 1985

Work Reviewed by (Supervisor) New Engen V 12 Date Jan 28, 1985

VERIFICATION:

(Signature) _____

(Date/Time) _____

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 79

STATUS: QA Use Only—Give Date/Time TYPE: Software Problem Report
 Design Change Request

Received 2/11/85 Implementation 2/14/85
 Analysis 2/13/85 Verification 2/14/85

DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator William Bob McQuire Code 661 Phone No. 27794
 (Name) (Organization)

System, Processor, or elsee Test Case or
 Component Failing or DPTXT Computer IBM 3081 System Version ID _____ Program ID _____
 Project Involved

Description (Check if additional pages attached)

If there is no data collected over an averaged interval, then the values should be ϕ , error values -1. They (the value and error) are both ϕ in the current version

Enclosures (Specify) _____
 Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

If count = ϕ in INTAVG, then the value should be set to ϕ , error to -1 to indicate missing or padded data.

Signature Jeresa Sheets Code 664 2/13/85
 (Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Changed in INTAVG to set value to ϕ , error to -1 when count of averaged data = ϕ .

Routines and Documentation Affected INTAVG

Work Performed by Jeresa Sheets Date 2/14/85

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: Jeresa Sheets 2/14/85
 (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT

Control No. 81

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator Paul Schuster (Name) _____ (Organization) _____ Phone No. _____

System, Processor, or Component Being or Product Involved Pioneer/Helios FLXWNT program System _____ Computer _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

does not know about more than one FLUX catalog tape record; FIXIT

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Subroutine USDCHK does not check any subsequent FLUX tape records; therefore, when adding blank tape volume numbers, no comparisons are performed with volume numbers in any other FLUX tape records, but the initial one.

Signature K. Wotman (Name) 10/18/85 (Organization) SAR (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Subroutine USDCHK: pointer value in each record is checked and comparisons of the tapes to be added and tape volume numbers in the catalog are checked.

Routines and Documentation Affected _____

Work Performed by K. Wotman Date 10/18/85
Work Reviewed by (Supervisor) Paul Schuster Date 10/21/85

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 82

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received 2/22/85

Implementation 2/25/85

Design Change Request

Analysis 2/22/85

Verification 2/25/85

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator Bob McQuire
(Name)

Code 661
(Organization)

Phone No. x7794

System, Processor, or Component Failing or Project Involved DPTXT ISEE

Computer IBM3081 System Version ID _____

Test Case or Program ID _____

Description (Check if additional pages attached)

Make modifications to data labels: remove '(233KHZ)' from Anderson data point, changed 1.500E+00 to 1.500E+02 for Meyer data point

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received 2/22/85

Change title names stored in data statements in subroutine WRITHD.

Signature Jeresa Sheets
(Name)

Code 664
(Organization)

2/22/85
(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Made modifications as specified and re-built load module.

Routines and Documentation Affected WRITHD and DPTXT load module

Work Performed by Jeresa Sheets Date 2/25/85

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: Jeresa Sheets
(Signature)

2/25/85
(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White — Analysis

Light Yellow — Verification

Pink — QA/DIOB

Gold — Originator

blue — Active File

check one & give this information for each dataset affected by this cct#

CHANGE CONTROL REPORT

- dataset was on disk already: date _____
- dataset restored from LIBMAN version _____
- dataset restored from Cosmicray backups tape _____ file _____

Control No. 83

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator N. Hal (Name) _____ (Organization) _____ Phone No. _____

System, Processor, or Component Failing or Project Involved Voyager ENCIT Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

Enclosures (Specify) _____

Action Required by (Date) March 29

ANALYSIS: Check if additional pages attached

Date Received _____

See attached page analysis by Rand

Signature Pam Schuster (Name) _____ (Organization) _____ (Date/Time) _____

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: Pam Schuster (Signature) _____ March 28, 1985 (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

Change Request

Purpose of Change:

Voyager data rate has decreased considerably over the past few years, and data coverage has also gone down. This circumstance makes it possible to increase the number of volumes processed onto a CIT tape. We would like to increase the number of volumes from the current 800 to several thousand. ENCIT in its current form allows specification of a 3 digit number.

Changes Required:

inside ENCIT change format from I3 → I5 in
line 19900

change line 28 of SB#VG.LIB.CNTL(ENCIT)
accordingly.

check one & give this information for each dataset affected by this cct# -

CHANGE CONTROL REPORT

- dataset was on disk already: date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmicray backups tape _____ file _____

Control No. 874

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request
 new

DESCRIPTION (Prepared by originator):

Originator S. Kayser SAR Phone No. _____
 (Name) (Organization)

System, Processor, or Component Being or Project Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

program PARAM PLT, version one
adapted from Ames program to use Template

Enclosures (Specify) _____

Action Required by (Date) _____

9977

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____
 (Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by S. Kayser Date May 1985

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____
 (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

check one & give this information for each dataset affected by this cct#

CHANGE CONTROL REPORT

- dataset was on disk already: date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmic ray backups tape _____ file _____

Control No. 85

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____

TYPE: Software Problem Report: Design Change Request

new

Completed _____

DESCRIPTION (Prepared by originator):

Originator P. Schuster (Name) SAR (Organization) Phone No. _____

System, Processor, or Component Being or Project involved Cosmic Ray Tape Copying Computer _____

System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

initial backup of 7copy CHIST + utility software

SB#HP. TAPECOPY, CHIST

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by P. Schuster Date May 10, 1985

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Admin File

check one & give this information for each dataset affected by this cch# -

CHANGE CONTROL REPORT

- dataset was on disk already: date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmic ray backups: tape _____ file _____

Control No. 86

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request
 new

DESCRIPTION (Prepared by originator):

Originator R. Wortman (Name) SAR (Organization) Phone No. _____

System, Processor, or Component Being or Project involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

CRIST utilities for Cosmic Ray Tape Catalog Maintenance system.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by R. Wortman Date _____

Work Reviewed by (Supervisor) P. Schuster Date May 10, 1985

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

check one & give this information for each dataset affected by this C/FF -

CHANGE CONTROL REPORT

- dataset was on disk already : date _____
- dataset restored from LIB:MAN version _____
- dataset restored from cosmic ray backups tape _____ file _____

Control No. 821

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received _____ Implementation _____
 Analysis _____ Verification _____
 DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator Maria Shen (Name) SAR (Organization) Phone No. X6539
 System Processor: IMP pseudo-FT10 software
 Component Being C- _____
 Product Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

The Pseudo FT10 version load modules of some existing programs were built and tested and put into the system. The JCL files to run those pseudo versions were also put into ~~the~~ SB#IM.LIB.CNTL to replace the current JCL files, the files which run the old version ~~and~~ load modules were renamed. All the JCL files that build and run the Pseudo versions were put together in PSEUDO.CNTL.

Enclosures (Specify) _____
Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

- ① Build and run JCL ~~was~~ for PSEUDO FT10 version were put in SB#IM.PSEUDO.CNTL
- ② SB#IM.LIB.CNTL was changed, JCL files for PSEUDO FT10 were ^{added} in, old JCL's were renamed
- ③ The pseudo FT10 version load modules were put into the partitioned dataset that contain the old version

Routines and Documentation Affected _____
 Work Performed by Maria Shen Date June 6, 1985
 Work Reviewed by (Supervisor) J. Hurst Date June 6, 1985

VERIFICATION: _____ (Signature) _____ (Date/Time)
 Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:
 White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Advice File

check one & give this information for each dataset affected by this cct#

CHANGE CONTROL REPORT

- dataset was on disk already : date _____
- dataset restored from LIBMAN version NOT SURE, but seem to be restored from LIBMAN
- dataset restored from cosmicray backups tape _____ file _____

Control No. 88

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____ Implementation _____

Design Change Request

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator V. PARIKH (Name) SAR (Organization) Phone No. 344-6539

System, Processor, or Component Being or Project Involved IMP8 Pseudo-FTIO Software System Version ID _____ Test Case or Program ID _____

The pseudo-FTIO version of TIMSUM was compiled and linked to build a load module. A JCL member was created to run the various tests. Several comparison tests using old and pseudo version of TIMSUM were made including checks on boundary crossing of old and compressed tapes. Input-output Exers count check was made for FT02 file.

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

- ① The build and run JCL members were copied to SB#IM.PSEUDO.CNTL
- ② The JCL member TIMSUM8 was renamed OTIMSUM8. The pseudo version TIMSUM8 was then copied to SB#IM.LIB.CNTL
- ③ Members \$S DIR and \$S MEMO were updated.

Work Performed by Vashishth Parikh Date 8/31/85

Work Reviewed by (Supervisor) P. Schuster Date 9/3/85

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

- White - Analysis
- Light Yellow - Verification
- Pink - QA/DIOB
- Gold - Originator
- Blue - Active File

June 7, 85
 from: Maria Shen

IMP PSEUDO FTIO CONVERSION

The PSEUDO FTIO version load modules of some existing programs in the IMP system were built and put into the partitioned datasets that contain the old version load modules. The JCL files that run the PSEUDO FTIO versions of the programs were put into SB#IM.LIB.CNTL to replace the current jcl files which run the old versions of the program, and the old version JCL files were renamed.

Note: The original version IMP7 and IMP8 FOURIER program load modules were also created and named as IMP7FORZ.LOAD(FOUR7Z) and IMP8FORZ.LOAD(FOUR8Z). All PSEUDO FTIO version PGMs were tested once more after being transferred to SB#IM datasets.

The following table shows the build member name and JCL member name under SB#IM.PSEUDO.CNTL and the PSEUDO FTIO version load module name for each program.

Program	Build member	JCL member	PSEUDO FTIO VSN name
ANALIMP7	ANALIM7B	ANALIMP7	SB#IM.ANALIMP7.LOAD(PANALIM7)
ANALIMP8	ANALIM8B	ANALIMP8	SB#IM.ANALIMP8.LOAD(PANALIM8)
FOURIER7Z	FOUR7ZB	FOUR7Z	SB#IM.IMP7FORZ.LOAD(PFOUR7Z) old version --- (FOUR7Z)
FOURIER8Z	FOUR8ZB	FOUR8Z	SB#IM.IMP8FORZ.LOAD(PFOUR8Z) old version --- (FOUR8Z)
RATEPLOT7	RATEPLTB	RATEPLT7	SB#IM.IMPLOT.LOAD(PIMPLOT)
RATEPLOT8	RATEPLTB	RATEPLT8	SB#IM.IMPLOT.LOAD(PIMPLOT)
VLTSMR8	VLTSMR8B	VLTSMR8	SB#IM.VLTSMR8.LOAD(PVLTSMR8)

There are 2 versions of JCL files in SB#IM.LIB.CNTL now for some of the programs. The JCL member names for the PSEUDO FTIO version and the old version of these programs are listed in the table below.

PSEUDO	OLD VERSION
ANALIMP7	OANALIM7
ANALIMP8	OANALIM8
FOUR7Z	OFOUR7Z
FOUR8Z	OFOUR8Z
RATEPLT7	ORATEPL7
RATEPLT8	ORATEPL8
VLTSMR8	OVLTSMR8

check one & give this information for each dataset affected by this CCF
CHANGE CONTROL REPORT

- dataset was on disk already: date _____
- dataset restored from LIB/MAN version _____
- dataset restored from cosmic ray backups tape _____ file _____

Control No. 88

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received _____ Implementation _____
 Analysis _____ Verification _____
 DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator V. PARTKI SAR Phone No. _____
 (Name) (Organization)

System, Processor, or Component Being or Project Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:
 The existing version TIMSM780 was modified and compiled. The pseudo-ITIO version of TIMSUM was compiled and linked to build a load module. A JCL member was created to run various tests. Several comparison tests using old and pseudo version of TIMSUM were made including checks on boundary crossing of old & compressed tapes.

Enclosures (Specify) _____
 Action Required by (Date) _____

ANALYSIS: CHECK IF additional pages attached

Date Received _____

Signature _____
 (Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

- 1 The build and tests run jcl members were copied to SP#IM.PS#200
- 2 The JCL members, TIMSM7 for the old version and PTDSUM for the pseudo version were copied to SB#IM.LIB.CNTL
- 3 member \$S DCR and \$S MEMO were updated

Work Performed by Vashup Paul Date 10/28/85

Work Reviewed by (Supervisor) P. Schuster Date 10/28/85

VERIFICATION: _____
 (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Advice File

Check one & give this information for each dataset affected by this C/FF -

CHANGE CONTROL REPORT

dataset was on disk already : date 12/17/85

dataset restored from LIBMAN version

dataset restored from cosmic ray backups tape _____ file _____

Control No. 89

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____ Implementation _____

Design Change Request

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator V. PARIKH SAR Phone No. 344-6539
(Name) (Organization)

System, Processor, or Component Being or Project involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

① In order to update JMP-8 catalog, the record count 26 was changed to 38.

② The build JCL member was modified to reflect the current name of the compiler and load library

Signature Vashu Parikh SAR 01/03/85
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

① The source member CATSUP in SB#JIM, IMPL02 - SOURCE and member CATSUP & KATXX in SB#JIM, READCT, FORT were changed for the record count 26 to 38. ② Member \$ADDP, the compiler FORTRANH was changed to routines and documentation affected OFORTH, ADDTOLIB to QADDTLIB & library SEJMP to SB#JIM. Work Performed by Vashu Parikh ③ Load Modules CATSUP, IMPL02 & PEMPL02 were relinked.

Work Reviewed by (Supervisor) P. Schuster Date 01/03/85

VERIFICATION:

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Admin File

CHANGE CONTROL REPORT

Control No. 89

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received _____

Implementation _____

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator _____

(Name)

(Organization)

Phone No. _____

System, Processor, or Component Failing or Project Involved _____

Computer _____

System Version ID _____

Test Case or Program ID _____

Description (Check if additional pages attached)

McGuire job failed, not able to locate requested data

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

*analimp8
optimsm8 not able to find data in current
imp8 catalog - relink to KATALOG*

Signature _____

(Name)

(Organization)

(Date/Time)

July 87

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____

Pam

Date _____

July 87

Work Reviewed by (Supervisor) _____

Date _____

VERIFICATION: _____

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis

Light Yellow - Verification

Pink - QA/DIOB

Gold - Originator

Blue - Active File

check one & give this information for each dataset affected by this CMT -
CHANGE CONTROL REPORT

dataset was on disk already : date 12/3/85

dataset restored from LIBMAN version

dataset restored from cosmic.org backups tape _____ file _____

Control No. 90

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator V. PARIKH
(Name)

SAR
(Organization)

Phone No. 344-6539

System, Processor, or Component Being or Product Involved _____

Computer _____

System Version ID _____

Test Case or Program ID _____

Description (Check if additional pages attached)

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

The correspondence catalog for IMP-8 in the DBTEME software used the block size of 130 Bytes. To avoid a large I/O time, the block size was restored to its original value of 32760. The data set SB#IM.CORRCAT8 was renamed SB#IM.COR32700. The data set SB#IM.CORRCAT8 was copied to XR2UP-DBTEME.SOURCE

Signature Vashtari Parikh
(Name)

SAR
(Organization)

12/3/85
(Date/Time)

CHANGE: Description of work performed, including test cases used for verification: for UMF2

- ① In the subroutine OPENDT, the call to OPEN was commented out
- ② In the subroutine CATRD, the call to READ was replaced by DREAD
- ③ The JCL \$RUN, a card (11FT02FOO) of DDNAME=NEWCAT was added

Routines and Documentation Affected _____

Work Performed by Vashtari Parikh

Date 12/3/85

Work Reviewed by (Supervisor) P. Schuster

Date _____

VERIFICATION: _____

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Advice File

CHANGE CONTROL REPORT

Control No. 93

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator _____ (Name) _____ (Organization) Phone No. _____

System, Processor, or Component Failing or Project Involved SB#HL.SCANLIB.SOURCE Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

Does not list all records associated with an EDR tape.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

L15TLIB routine now looks for additional records associated with an EDR tape and lists them as one.

Routines and Documentation Affected _____

Work Performed by K. Waitman Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator *blue - Active File*



check one & give this information for each dataset affected by this cch# -

CHANGE CONTROL REPORT

- dataset was on disk already : date 10/08/86
- dataset restored from LIBMAN version _____
- dataset restored from cosmicray backups tape _____ file _____

Control No. 94

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator _____ (Name) _____ (Organization) _____ Phone No. _____

System, Processor, or Component Being or Product Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

The procedure to calculate YEAR was changed for JMP 8, JMP 7 and JMP 6. For JMP-8 and JMP-7, the number of the days was calculated by multiplying INTERVAL by 4 and calculating YEAR by calling subroutine DATE. For JMP-6, the YEAR was calculated from ORBIT number and calling the subroutine ORBIT6

Signature Vastupul Parika SAR 10/08/86
(Name) (Organization) (Date/Time)

CHANGE: Description of work performed, including test cases used for verification:

The subroutine YEAR was modified by commenting out the old code and substituting the procedure to calculate YEAR from INTERVAL number and ORBIT number by adding routines DATE & ORBIT6

Routines and Documentation Affected YEAR & MAIN

Work Performed by Vastupul Parika Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Admin File

check one & give this information for each dataset affected by this cct# -

CHANGE CONTROL REPORT

- dataset was on disk already : date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmicray backups tape _____ file _____

Control No. 95

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator P. Schuster (Name) SAR (Organization) Phone No. 69875

System, Processor, or Component Being or Product Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

RMIDD subroutine needs updating for dates thru year 2006

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by T. Baker Date June 1986

Work Reviewed by (Supervisor) P. Schuster Date June 1986

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Admin File

check one & give this information for each dataset affected by this cct#

CHANGE CONTROL REPORT

- dataset was on disk already: date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmic ray backups tape _____ file _____

Control No. 97

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report:
 Design Change Request
 new product

DESCRIPTION (Prepared by originator):

Originator Schuster (Name) SAR (Organization) Phone No. _____

System, Processor, or Component Being or Product Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

program + create a CUST utility to search for occurrences of AMJDD in project load libraries to convert V/I FLUXPLOT time input to IMP type time input

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by T. Baker Date June 86

Work Reviewed by (Supervisor) B. Schuster Date June 86

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Admin File

CHANGE CONTROL REPORT

Control No. 98

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator K. Wootman
(Name)

SAR
(Organization)

Phone No. X66115

System, Processor, or Component, Routine or Project involved SB#1C. REBLOCK.FORT
Computer _____

System Version ID _____

Test Case or Program ID _____

Description (Check if additional pages attached
ISSE library reblock program. Uses ISSE catalog to verify files on library tape.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____
(Name)

(Organization)

(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION:

(Signature)

(Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator blue - Active File

CHANGE CONTROL REPORT

Helios VERIFY program

Control No. 99

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received _____ Implementation _____
 Analysis _____ Verification _____
 DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator _____ Phone No. _____
 (Name) (Organization)

System, Processor, or Component, Parting or Project involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

SB#42. VERIFY. FORT

Enclosures (Specify) _____
 Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

A program developed to create dataset names from Helios catalog to verify SL labelling on multiple compressed EDR tapes. This allows tape positioning and verification of tape content during tape copy procedure.

Signature Kristin Waitman SAR
 (Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by K. Waitman SAR Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____
 (Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 100

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator _____ Phone No. _____
(Name) (Organization)

System, Processor, or Component Name or Project Involved Voyager Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

Changes to EDRLIST, EDRAVE, ENCGEN to allow the new mode GS7

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

add GS7 to ENCMCB, GLOBAL of ENCGEN

add GS7 to EDRAVE and EDRLIST programs

Signature K. Wortman, Pam Schuster SAR 10/20/86
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) Pam Schuster Date 10/23/86

VERIFICATION: _____
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT

Control No. 101

STATUS: QA Use Only—Give Date/Time **TYPE:** Software Problem Report

Received _____ Implementation _____ Design Change Request

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator _____ Phone No. _____

(Name) (Organization)

System Processor, or Component Routine or Project involved Voyager Computer _____ System Version ID _____ Test Case or Program ID _____

SB# 16. NWENCY. FORT

Description (Check if additional pages attached)

Reassignment of ENCY volume serial numbers.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Program changes all volume serial number to new volume serial number assigned.

Signature _____

(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____

(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 102

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator _____
(Name) (Organization) Phone No. _____

System, Processor, or Component Being or Project Involved Voyager Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

Add G56 mode to ENCGEN, EDRLIST and EDRSAVE programs.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Modified ENCGEN, EDRLIST, EDRSAVE to accept G56 mode.

Routines and Documentation Affected _____

Work Performed by K. Wartman, P. Shuster Date _____

Work Reviewed by (Supervisor) Pam Schuster Date 2/2/87

VERIFICATION: _____
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Archive File

CHANGE CONTROL REPORT

Control No. 104

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator _____ (Name) _____ (Organization) _____ Phone No. _____

System, Processor, or Component Being or Product Involved SB#10, DPTEXT, CLIST Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

New ISPF files and data set names.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Change JCL member which makes allocations.

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 105

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator _____ (Name) _____ (Organization) _____ Phone No. _____

System, Processor, or Component Being or Project Involved 3B#HP. LIB. .CHIST Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

New ISPF files and data set names

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS (Check if additional pages attached) Date Received _____

Change old ISPF files and data set names to new.

Signature _____ (Name) _____ (Organization) _____ (Date/Time) _____

CHANGE (Description of work performed, including test cases used for verification):

Change CHIST, BEGIN to reference new dataset names.

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time) _____

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT

Control No. 106

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator Pam
(Name)

(for Bob)
(Organization)

Phone No. _____

System, Processor, or
Component Being or
Project Involved _____

Computer _____

System
Version ID _____

Test Case or
Program ID _____

Description (Check if additional pages attached)

anlmp7F, 8F

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

~~make pseudo FTID versions~~
make pseudo FTID versions

Signature _____

(Name)

(Organization)

(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____

Pam

Date _____

June 87

Work Reviewed by (Supervisor) _____

Date _____

VERIFICATION: _____

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis

Light Yellow - Verification

Pink - QA/DIOB

Gold - Originator

Blue - Active File

CHANGE CONTROL REPORT

Control No. 107

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator Pam (Name) (for Bob) (Organization) Phone No. _____

System, Processor, or Component Being or Project Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

make PFLEX8 version of FLEX8

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by Pam Date July 87

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOE Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 108

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator Pam _____
(Name) (Organization) Phone No. _____

System, Processor, or Component Being or Product Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:

PHASUM7

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

make other version

Signature _____
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by Pam _____ Date Nov 87

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 108

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator Pam (Name) (for Bob) (Organization) Phone No. _____

System, Processor, or Component Being or Product Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

make photo version of FLEX7

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by Pam Date Aug 87

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 111

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator _____
(Name) (Organization) Phone No. _____

System, Processor, or Component Being or Project Involved SB# 1M, PRECOM, SOURCE
Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

JCL changes for QUEUE = FETCH
Reference smaller BLKSIZE catalogs
Copy smaller BLKSIZE catalogs to larger BLKSIZE catalogs

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator blue - Active File

CHANGE CONTROL REPORT

Control No. 112

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator V. PAREKH (Name) SAR (Organization) Phone No. 286-6539

System, Processor, or Component Requiring or Product Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Modification of GETDATA program so that more than 1 bin of data could be processed to create plot data set for each bin.

Date Received _____

Signature Vashfar Parikh (Name) SAR (Organization) 08/07/87 (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

The program was tested with VOYAGER DATA so that 2 bins of data could be processed either one or both together

Routines and Documentation Affected A new load member FLUX TIME was created

Work Performed by Vashfar Parikh Date 08/07/87

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 113

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator V. PARIKH SAR Phone No. 286-6539
 (Name) (Organization)

System, Processor, or Component Failure or Product Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

① Modification of RAMTEK plot routines. Spectrum and time history plots of particle fluxes were changed to (meter)² instead of (cm)² Date Received _____

② A problem of overlapping characters on the labels in GDMSPGRD was resolved

Signature Vishnu Paul SAR 08/07/87
 (Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

The new load modules were checked by flux data of various satellites

Routines and Documentation Affected Members SPEC GRID, HIST GRID & GDMSPGRD of load library

Work Performed by Vishnu Paul SB # HP - RAMTEK LOAD Date 8/7/87

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 114

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator _____ (Name) _____ (Organization) _____ Phone No. _____

System, Processor, or Component Being or Project Involved SB#1M, FINEGAIN, CNTL Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

Change interval format from I3 to I4.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 116

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received _____

Implementation _____

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator _____

(Name)

(Organization)

Phone No. _____

System, Processor, or
Component Being or
Product Involved _____

Computer _____

System
Version ID _____

Test Case or
Program ID _____

Description (Check if additional pages attached)

*code fixup to recover data after a bad
decisecond times - for FLX7 and FLEX7 programs*

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

*Change FLX7PR FLX8PR - after Fread
do immediate check on deciseconds for alignment
Bypass record if ~~the~~ deciseconds > leap year*

Signature _____

(Name)

(Organization)

(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

*source changes carried out for IMP7+8; FLX, FLEX VSIS
load library mod only to IMP7*

Routines and Documentation Affected _____

Work Performed by _____

Pam

Date _____

11/87

Work Reviewed by (Supervisor) _____

Date _____

VERIFICATION: _____

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis

Light Yellow - Verification

Pink - QA/DIOB

Gold - Originator

Blue - Active File

CHANGE CONTROL REPORT

Control No. 118

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received _____ Implementation _____
 Analysis _____ Verification _____
 DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator: Pam (Name) (for Bob) (Organization) Phone No. _____

System, Processor, or Component Being or Product Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

① make analimp7, 7F use cols 1-72 for input - analagous to IMP-8 + add T/F flag for ②
② add code to multiply matrix values x10 + make additional plot (fractional counts lost on sparse matrices)

Enclosures (Specify) _____
 Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by ① Pat ② Pam Date 8/87

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 123

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator _____

John McGovern

RMS

(Name)

(Organization)

Phone No. _____

System, Processor, or
Component Being or
Project Involved _____

Computer _____

System
Version ID _____

Test Case or
Program ID _____

Description (Check if additional pages attached)

V-1 MOD 2x16 rollover

also projected V2 rollover (from SC32 dataset)

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

*use SC31,32 datasets to establish rollover times
change. subroutine EXHEAD of EDRSAVE*

also check CLIST JPL when this rollover happens

Signature _____

P. Schuster

SAR

3/88

(Name)

(Organization)

(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

*insert EPOCH2 checking code into Exhead -
Tested on current V-1 EDR data.*

Routines and Documentation Affected _____

Work Performed by _____

P. Schuster

Date _____

3/88

Work Reviewed by (Supervisor) _____

Date _____

VERIFICATION: _____

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis

Light Yellow - Verification

Pink - QA/DIOB

Gold - Originator

Blue - Advice File

CHANGE CONTROL REPORT

Control No. 125

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator K. Watman (Name) SAR (Organization) Phone No. _____

System, Processor, or Component Failing or Product Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:)

SB#10. ENCYLIST.SOURCE

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached Date Received _____

Listing has incorrect title for PHA1, PHA2, PHA3 data, causing user misrepresentation of data.

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Corrected routine PHAEVN, changed title to represent correct data being listed.

Routines and Documentation Affected _____

Work Performed by K. Watman Date 3/3/88

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT

Control No. 128

STATUS: QA Use Only—Give Date/Time **TYPE:** Software Problem Report
 Design Change Request

Received _____ Implementation _____
 Analysis _____ Verification _____
 DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator Schuster (via Smith) Phone No. 69875
(Name) (Organization)

System Processor: ENCYGEN System Version: _____
 Component Requiring: _____ Computer: _____ Test Case or Program ID: _____
 Product Involved: _____
 11/88 Description: (Check if additional pages attached:)

Checked Newton station Encygen isn't passing any data ICLOS6 of 97 ->

Enclosures (Specify): _____
 Action Required by (Date): _____

ANALYSIS: Check if additional pages attached Date Received _____

requested EDR listings
Viet is stuck in subcom position 7 on July 23, 1988.
also calibration bits are on.

Signature P. Schuster STX
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Changed MONITOR, MSUBCOMS to disable gap set and SMC set for subcomming and calibration bits after July 23, 1988. Encygen calculates FPMs time as given by ENCMCB variables hard coded.

Routines and Documentation Affected _____

Work Performed by P. Schuster Date 11/22/88
 Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 129

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator HENRY LO (Name) STX (Organization) Phone No. 286-7316

System Processor: _____ Component: ANALIMP8 Computer: ZDM3081 System Version: _____ Test Case #: _____ Program ID: _____

Description (Check if additional pages attached):

*the input time is before the start time on PHA tape
the program will not find the tape.*

Enclosures (Spec): _____
Action Required by (Date): _____

ANALYSIS: Check if additional pages attached

Date Received _____

*the new version of ANALIMP8 program can process
the data from PHA tape, if the input time is
before the starting time on PHA tape.*

*e.g. = start time PHA MATR PHA end time
time B, derived due to MATR boundary, and start of PHA is after that time.
CATLOG search needs to be by reel sequence #, rather than time, to
pick up ending PHA tape from PHA MATR sequence*

Signature HENRY LO (Name) _____ (Organization) _____ (Date/Time)

CHANGE :Description of work performed, including test cases used for verification:

*the routine PHFIL8 has been changed, now the
routine get the PHA tape by checking the reel
number.*

Routines and Documentation Affected _____

Work Performed by HENRY LO Date 11/88

Work Reviewed by (Supervisor) Pam Schuster Date 12/5/88

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:
White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Advice File

CHANGE CONTROL REPORT

Control No. 130

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator HENRY LO
(Name)

STX
(Organization)

Phone No. 286-7316

System Processor: _____
Component Name: COMCHK
Product Name: _____

Computer: IBM 3081

System Version: _____

Test Case or Program ID: _____

Description (Check if additional pages attached:)

The current version of COMCHK doesn't give the user a clearly readable output.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

The 3 additional summary tables give a user easily readable. One table lists the un-compressed tape information, one table lists the un-recompressed tape information, and one table lists the missing reel sequence numbers in the 200 old tape catalog.

Signature HENRY LO
(Name)

STX
(Organization)

11/88
(Date/Time)

CHANGE :Description of work performed, including test cases used for verification:

The routines MAEN, CORR, COMPAR have been modified, 3 additional summary tables have been created.

Routines and Documentation Affected _____

Work Performed by HENRY LO

Date 11/25/88

Work Reviewed by (Supervisor) Pam Schuster

Date 12/5/88

VERIFICATION: _____

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis

Light Yellow - Verification

Pink - QA/DIOB

Gold - Originator

Blue - Active File

check one & give this information for each dataset affected by this cct# -

CHANGE CONTROL REPORT

- dataset was on disk already: date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmicray backups tape _____ file _____

Control No. #131

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator K. Waitman (Name) STX (Organization) Phone No. X6415

System, Processor, or Component Being Changed 3B#PR, P10DRP, SOURCE

Product involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:

Problem reported when P10DRP for Pioneer-10 attended with insufficient space for Logistics catalog.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Logistics Catalog needs expansion. Subroutine EDRINT needs to be modified to reflect new # of tracks.

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Utility program was written to expand Logistics catalog and create skeleton records.

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Archive File

CHANGE CONTROL REPORT

Control No. 136

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator HENRY LO
(Name)

STX
(Organization)

Phone No. 286-7316

System Processor or
Component Requiring
Repair Involved _____

Computer _____

System
Version ID _____

Test Case or
Program ID _____

Description (Check if additional pages attached)

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____

(Name)

(Organization)

(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

SB#EM. UTILITY. SOURCE (KATLOG) & SB#EM. READCT. FORT (KATXXX)
modified to expand tape catalog SB#EM. DEXL2CAT. DATA
from 38 records to 113 records

Routines and Documentation Affected _____

Work Performed by HENRY LO

Date 9/28/90

Work Reviewed by (Supervisor) Henry Lo

Date 9/28/90

VERIFICATION: _____

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White — Analysis

Light Yellow — Verification

Pink — QA/DIOB

Gold — Originator

Blue — Active File

check one & give this information for each dataset affected by this cct# -

CHANGE CONTROL REPORT

- dataset was on disk already : date _____
- dataset restored from LIBMAN version _____
- dataset restored from cosmic ray backups tape _____ file _____

Control No. #132

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator SB#VG, GENERAL SOURCE TRS cartridge changes

(Name) (Organization) Phone No. _____

System, Processor, or Component Being or Previously Used _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:

SB#VG, ASVENC
RMVENC
LOGLIST
ASBIGN
RMVWRK } changes to programs to enable cartridge slot updates

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Format changes 5 digit slot # -> 6 digit slot #

Reference to TRSUP2 load module

Signature K. Watman STR 11/1/89

(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____

(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. #137

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator HENRY LO (Name) STX (Organization) Phone No. 286-7316

System Processor: _____ Component Figure: _____
Product Name: _____ Computer: ZRM308 System Version: _____ Test Case or Program ID: _____

Description: (Check if additional pages attached:)

Enclosures (Supervisor): _____

Action Required by (Date): _____

ANALYSIS: Check if additional pages attached Date Received _____

The date (after year 1986) was incorrectly converted in VLTSMRY8 program - was found. Therefore VLET pages (after 1986) have wrong MID.

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE: Description of work performed, including test cases used for verification:

SB#PR. PLO DRP. SOURCE (CNVMID) was modified and two members VLTSMRY8, PVLTSMR8 in SB#2M. VLTSMRY8:LOAD were created.

Routines and Documentation Affected _____

Work Performed by Henry Lo Date 3/13/89

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: Henry Lo (Signature) 3/13/89 (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. #139

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator K. Wootman (Name) STX (Organization) Phone No. X6115

System, Processor, or Component Failing or Project Involved SB#IM, PRECOM, SOURCE Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

JCL for cartridges

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Subroutine GETJCL changed unit# to 3480

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 141

STATUS: QA Use Only—Give Date/Time

Received _____ Implementation _____

Analysis _____ Verification _____

DIOB Action (Specify) _____ Completed _____

TYPE: Software Problem Report
 Design Change Request

DESCRIPTION (Prepared by originator):

Originator Henry Lo STX Phone No. 286-7316
(Name) (Organization)

System Processor, or Component Requiring Product involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached)

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____
(Name) (Organization) (Date/Time)

CHANGE: Description of work performed, including test cases used for verification:
To set-up a control library for ZOUK22K system, detail descriptions are in SBPR, MULTISAT, ZOUK22K, SOURCE (DOE and MODS)

Routines and Documentation Affected _____

Work Performed by Henry Lo Date 11/14/80

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File

CHANGE CONTROL REPORT

Control No. 142

STATUS: QA Use Only—Give Date/Time		TYPE: <input type="checkbox"/> Software Problem Report	
Received _____	Implementation _____	<input type="checkbox"/> Design Change Request	
Analysis _____	Verification _____		
DIOB Action (Specify) _____	Completed _____		

DESCRIPTION (Prepared by originator):

Originator: Schuster (Name) _____ (Organization) _____ Phone No. 69875

System Processor or Component Figure or Product Involved: Voyager Computer: 3081 System Version ID: _____ Test Case or Program ID: _____

Description (Check if additional pages attached:): ~ June 1990

add datamods 24, 26, + 658 to voyager system

need to modify edrlist, edrsave, Encgen

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Eng Add routine CRUV5A, initial telemetry buffer delay parameters were not the same as parent modes. Editscan pgm helped fine tune the values. Edrsave, edrlist also modified as needed

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

add CRUV5A, change Encmcb, Global RDSGCS1 of Encgen; PEDITLB of Edrsave; CR5A, UV5A, 658 added to edrlist, CRSEDR modified

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT

Control No. 142

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report
 Design Change Request

Received _____ Implementation _____
Analysis _____ Verification _____
DIOB Action (Specify) _____ Completed _____

DESCRIPTION (Prepared by originator):

Originator K. Wortman (Name) STX (Organization) Phone No. 6115

System, Processor, or Component Failing or Product Involved _____ Computer _____ System Version ID _____ Test Case or Program ID _____

Description (Check if additional pages attached:

SB#UG. EDRSAOE. SOURCE
SB#UG. EDRLIST. SOURCE

Enclosures (Specify) _____
Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____ (Name) _____ (Organization) _____ (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Add modes CR5A, +UV5A, mode 24, +79.

Routines and Documentation Affected _____

Work Performed by _____ Date _____

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____ (Signature) _____ (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White — Analysis Light Yellow — Verification Pink — QA/DIOB Gold — Originator Blue — Active File

CHANGE CONTROL REPORT

Control No. 143

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Design Change Request

Received _____

Implementation _____

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator HENRY LO
(Name)

STX
(Organization)

Phone No. 286-7386

System Processor: _____
Component: _____
Product Involved: _____

Computer: _____

System Version: _____

Test Case or Program ID: _____

Description (Check if additional pages attached)

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____

(Name)

(Organization)

(Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

SD#24, READCT, FORT

members (KATXXX, CATSUP) were modified to expand tape catalog SAHEM.DEXF2CAT.DATA from 38 records to 113 records

Routines and Documentation Affected _____

Work Performed by HENRY LO

Date 9/28/80

Work Reviewed by (Supervisor) Henry L

Date 9/28/80

VERIFICATION: _____

(Signature)

(Date/Time)

Available in (Release/Version) _____

Date/Time _____

DISTRIBUTION:

White - Analysis

Light Yellow - Verification

Pink - QA/DIOB

Gold - Originator

Blue - Active File

CHANGE CONTROL REPORT

Control No. 146

STATUS: QA Use Only—Give Date/Time

TYPE: Software Problem Report

Received _____

Implementation _____

Design Change Request

Analysis _____

Verification _____

DIOB Action (Specify) _____

Completed _____

DESCRIPTION (Prepared by originator):

Originator John O. Katen LHEA Phone No. 286-4881
(Name) (Organization)

System, Processor, or Component Being or Product Involved 3081 Computer IBM System Version/ID MVS/TSO Test Case or Program ID _____

Description (Check if additional pages attached:)

Correct line 3700 to use TUNIT=3480 instead of TUNIT=6250.

Enclosures (Specify) _____

Action Required by (Date) _____

ANALYSIS: Check if additional pages attached

Date Received _____

Signature _____
(Name) (Organization) (Date/Time)

CHANGE (Description of work performed, including test cases used for verification):

Line 3700 changed to set tunit to 3480, new load module built.

Routines and Documentation Affected John O. Katen SP#VG, ASNENC, SOURCE (ASNENC)

Work Performed by John O. Katen Date 12/13/90

Work Reviewed by (Supervisor) _____ Date _____

VERIFICATION: _____
(Signature) (Date/Time)

Available in (Release/Version) _____ Date/Time _____

DISTRIBUTION:

White - Analysis Light Yellow - Verification Pink - QA/DIOB Gold - Originator Blue - Active File